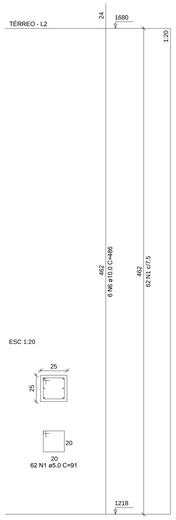
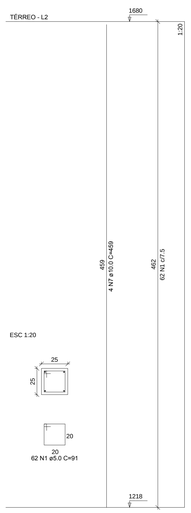
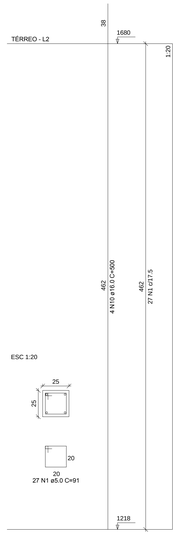
P1=P2=P4=P56=P59



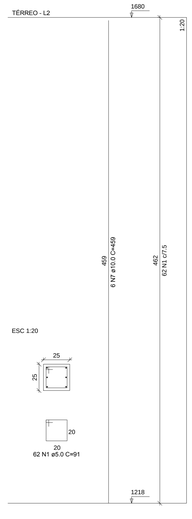
P10=P13=P16=P17=P19=P24=P29=P37=P38=P40 =P41=P42=P49=P51=P53



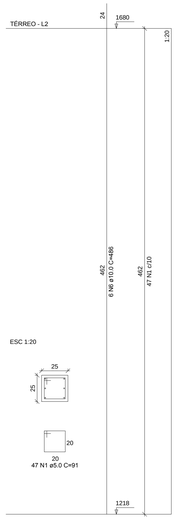
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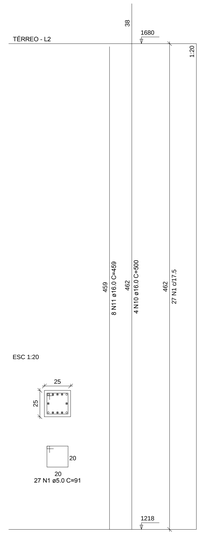
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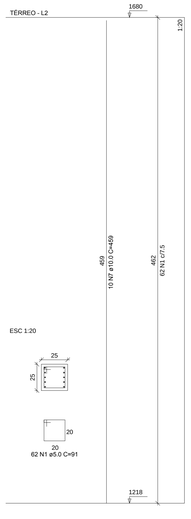
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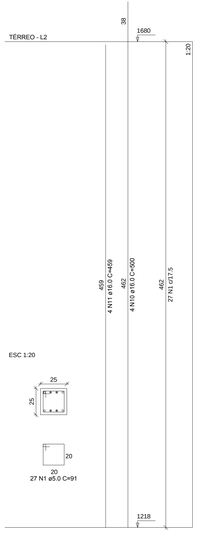
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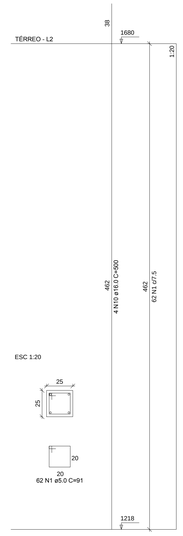
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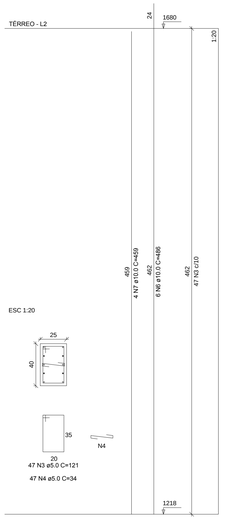
P28



P3



P30



RELAÇÃO DO AÇO

5xP1	P3	4xP5
7xP6	7xP7	P9
15xP10	P14	P22
2xP25	P26	P27
P28	P30	P31
2xP32	P35	P36
P50	P52	P54
P58		

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	2720	91	247520
	2	5.0	54	101	5454
	3	5.0	198	121	23958
	4	5.0	47	34	1598
	5	5.0	151	34	5134
50	6	10.0	92	486	44712
	7	10.0	108	459	49572
	8	12.5	4	459	1836
	9	12.5	18	492	8856
	10	16.0	110	500	55000
	11	16.0	12	459	5508

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10.0	942.8	639.6
	12.5	106.9	113.4
	16.0	605.1	1051.5
CA60	5.0	2851.1	482.9

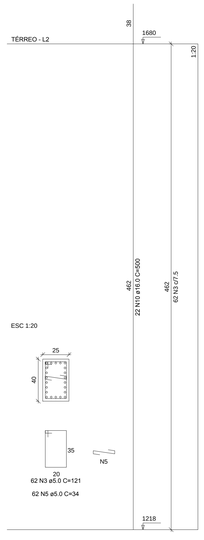
PESO TOTAL	
CA50	1804.5
CA60	482.9

Vol. de concreto total (C-25) =17.27 m³
Área de forma total = 269.81 m²

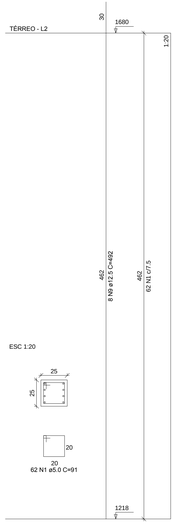
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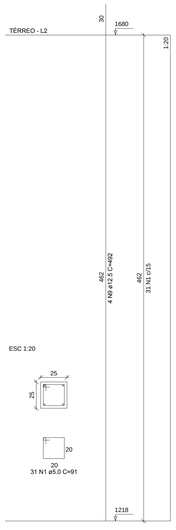
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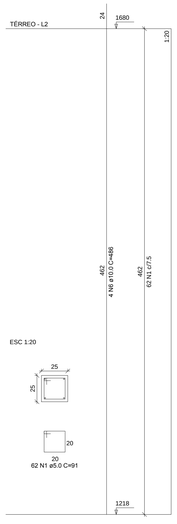
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P36



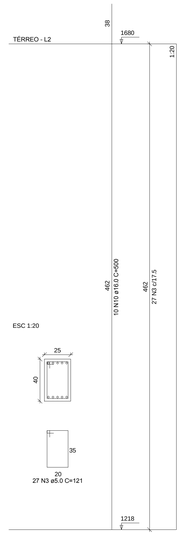
P5=P15=P44=P46



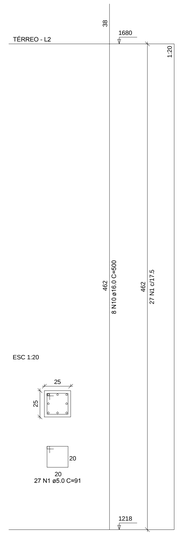
P50



P52



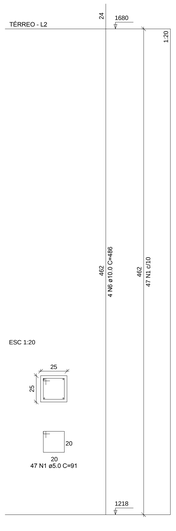
P54



P58



P6=P43=P45=P47=P48=P55=P57



P7=P11=P18=P20=P21=P23=P39



P9



N°:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO DE CÁLCULO ESTRUTURAL

OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA

APOIO MORADIA 2 LAVANDERIA
CAMPUS JK / DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ 16.888.315/0001-57

TÍTULO: DETALHES PILARES DO PAVIMENTO TÉRREO

AUTOR PROJETO ESTRUTURAL / RT:
ANDRÉ FERNANDO DA SILVA
CREA 78495/D - MG

DETALHAMENTO:
ANDRÉ FERNANDO DA SILVA
CREA 78495/D - MG

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSAO 1	29.07.2010		07/20