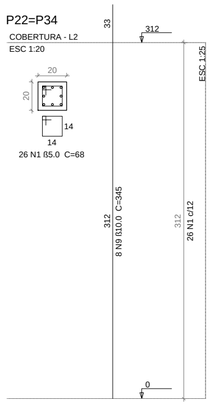
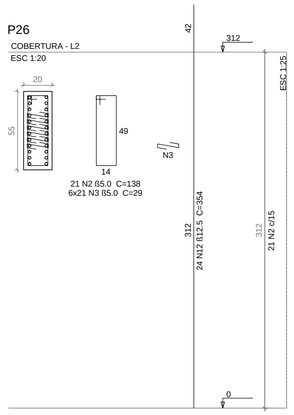
P22=P34



P26



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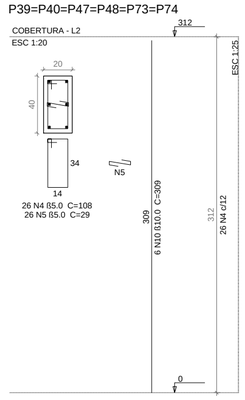
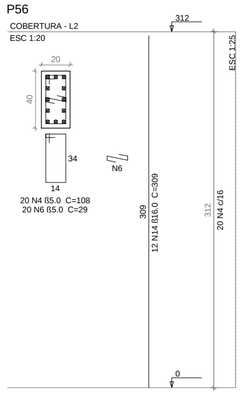
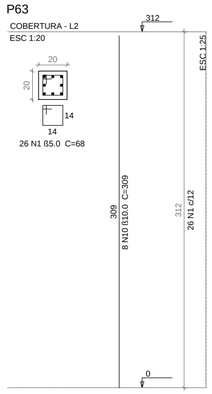


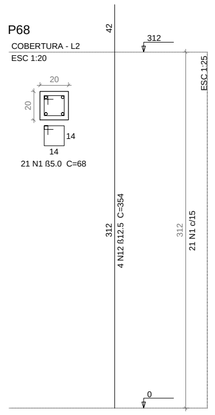
P56



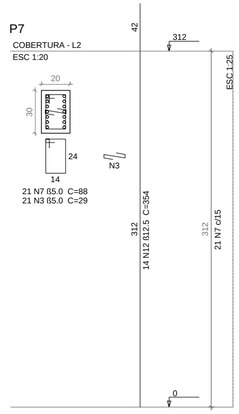
P63



P68



P7



P11

P14

P15=P75

P16=P27

P18=P53=P54=P71

P20=P21=P29=P30=P31=P32=
=P33=P52=P58=P60=P61=P62=
=P65=P66=P69=P72=P77

P70

P76

P8=P12=P13=P57

P9=P10=P17=P19=P23=P24=
=P25=P28=P55=P59=P64=P67

Rela- «o do a- o

P7	4xP8	12xP9
P11	P14	2xP15
2xP16	4xP18	17xP20
2xP22	P26	6xP39
P56	P63	P68
P70	P76	

A¢O	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1138	68	77384
	2	5.0	62	138	8556
	3	5.0	294	29	8526
	4	5.0	176	108	19008
	5	5.0	156	29	4524
	6	5.0	20	29	580
	7	5.0	21	88	1848
	8	5.0	20	28	560
CA50	9	10.0	84	345	28980
	10	10.0	92	309	28428
	11	12.5	54	309	16686
	12	12.5	42	354	14868
	13	16.0	4	365	1460
	14	16.0	28	309	8652
	15	20.0	8	379	3032
	16	20.0	14	309	4326

Resumo do a- o

A¢O	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	574.1	389.3
	12.5	315.6	334.4
	16.0	101.2	175.6
	20.0	73.6	199.6
CA60	5.0	1209.9	205.1

PESO TOTAL (kg)	
CA50	1098.9
CA60	205.1

Volume de concreto (C-30) = 8.83 mj
Crea de forma = 160.68 mj

PREFEITURA MUNICIPAL DE PAROBÉ

SECRETARIA MUNICIPAL DE PLANEJAMENTO URBANO, HABITAÇÃO E PARTICIPAÇÃO POPULAR

EMEI Santa Cristina do Pinhal

ENDERE¢O: RUA GASPAR SILVEIRA MARTINS, S/N, DISTRITO DE SANTA CRISTINA DO PINHAL, PAROB£/RS. MATRŒCULA 51.818

DESCRI¢ êO: ESTRUTURAL

ELEMENTO(S): PILARES PAVIMENTO T£RREO

PROPRIETŒRIO: PREFEITURA MUNICIPAL DE PAROB£

RESPONSŒVEL T£CNICO PELO PROJETO:

ŒREA TOTAL: 566,85 mj

ESCALA: SEM ESCALA

DATA: JUL/ 2018

PRANCHA: **05/13**