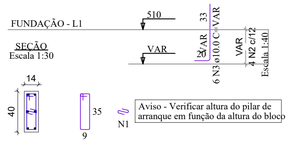
PROJETO ESTRUTURAL - ESCOLA CIDADE JARDIM

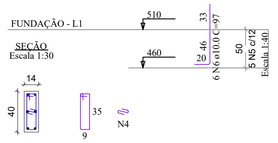
Escala Indicada

P1=P25=P26=P27=P28=P33=P34=P35=P36=P37



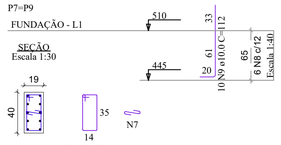
4 N2 ø5.0 C=99
4 N1 ø5.0 C=24

P2=P3=P4=P5=P6=P10=P11=P12=P13=P14=P15=P24=P38



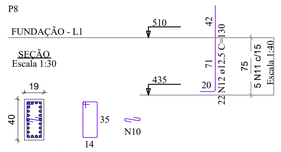
5 N5 ø5.0 C=99
5 N4 ø5.0 C=24

P7=P9



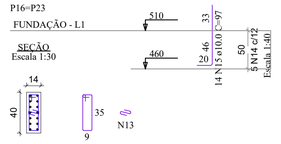
6 N8 ø5.0 C=109
6 N7 ø5.0 C=29

P8



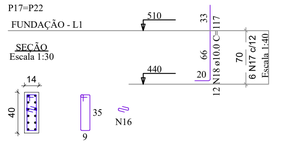
5 N11 ø5.0 C=109
5 N10 ø5.0 C=29

P16=P23



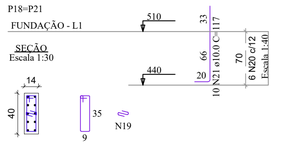
5 N14 ø5.0 C=99
5 N13 ø5.0 C=24

P17=P22



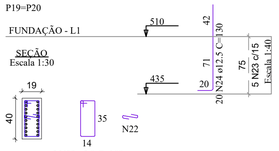
6 N17 ø5.0 C=99
6 N16 ø5.0 C=24

P18=P21



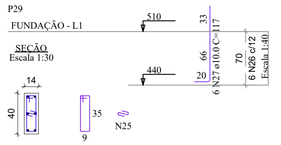
6 N20 ø5.0 C=99
6 N19 ø5.0 C=24

P19=P20



5 N23 ø5.0 C=109
5 N22 ø5.0 C=29

P29

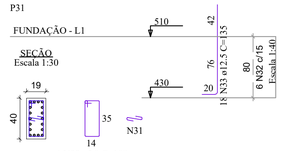


6 N26 ø5.0 C=99
6 N25 ø5.0 C=24

P30=P32

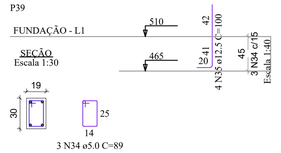
7 N29 ø5.0 C=157
2x7 N28 ø5.0 C=29

P31



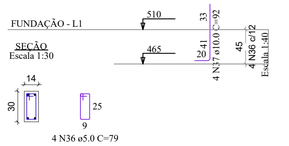
6 N32 ø5.0 C=109
6 N31 ø5.0 C=29

P39



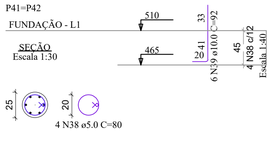
3 N34 ø5.0 C=89

P40=P43=P71



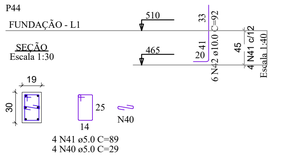
4 N36 ø5.0 C=79

P41=P42



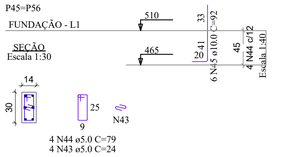
4 N38 ø5.0 C=80

P44



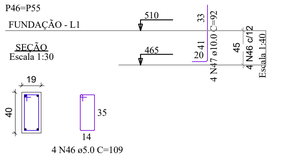
4 N41 ø5.0 C=89
4 N40 ø5.0 C=29

P45=P56



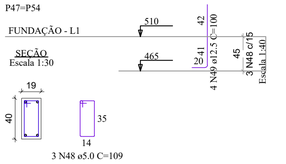
4 N44 ø5.0 C=79
4 N43 ø5.0 C=24

P46=P55



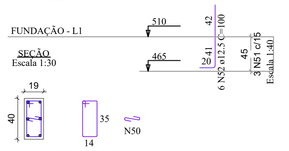
4 N46 ø5.0 C=109

P47=P54



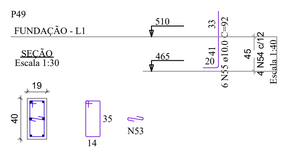
3 N48 ø5.0 C=109

P48=P51=P52=P53



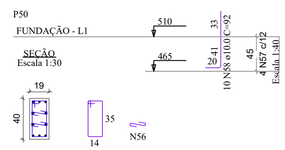
3 N51 ø5.0 C=109
3 N50 ø5.0 C=29

P49



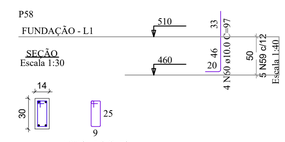
4 N54 ø5.0 C=109
4 N53 ø5.0 C=29

P50



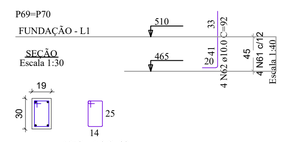
4 N57 ø5.0 C=109
2x4 N56 ø5.0 C=29

P58



5 N59 ø5.0 C=79

P69=P70



4 N61 ø5.0 C=89

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
10xP1	CA60	1	5.0	40	24	960
	CA60	2	5.0	40	99	3960
	CA50	3	10.0	60	VAR	VAR
13xP2	CA60	4	5.0	65	24	1560
	CA60	5	5.0	65	99	6435
	CA50	6	10.0	78	97	7566
2xP7	CA60	7	5.0	12	29	348
	CA60	8	5.0	12	109	1308
	CA50	9	10.0	20	112	2240
P8	CA60	10	5.0	5	29	145
	CA60	11	5.0	5	109	545
	CA50	12	12.5	22	130	2860
2xP16	CA60	13	5.0	10	24	240
	CA60	14	5.0	10	99	990
	CA50	15	10.0	28	97	2716
2xP17	CA60	16	5.0	12	24	288
	CA60	17	5.0	12	99	1188
	CA50	18	10.0	24	117	2808
2xP18	CA60	19	5.0	12	24	288
	CA60	20	5.0	12	99	1188
	CA50	21	10.0	20	117	2340
2xP19	CA60	22	5.0	10	29	290
	CA60	23	5.0	10	109	1090
	CA50	24	12.5	40	130	5200
P29	CA60	25	5.0	6	24	144
	CA60	26	5.0	6	99	594
	CA50	27	10.0	6	117	702
2xP30	CA60	28	5.0	28	29	812
	CA60	29	5.0	14	157	2198
	CA50	30	10.0	16	122	1952
P31	CA60	31	5.0	6	29	174
	CA60	32	5.0	6	109	654
	CA50	33	12.5	18	135	2430
P39	CA60	34	5.0	3	89	267
	CA50	35	12.5	4	100	400
3xP40	CA60	36	5.0	12	79	948
	CA50	37	10.0	12	92	1104
2xP41	CA60	38	5.0	8	80	640
	CA50	39	10.0	12	92	1104
P44	CA60	40	5.0	4	29	116
	CA60	41	5.0	4	89	356
	CA50	42	10.0	6	92	552
2xP45	CA60	43	5.0	8	24	192
	CA60	44	5.0	8	79	632
	CA50	45	10.0	12	92	1104
2xP46	CA60	46	5.0	8	109	872
	CA50	47	10.0	8	92	736
2xP47	CA60	48	5.0	6	109	654
	CA50	49	12.5	8	100	800
4xP48	CA60	50	5.0	12	29	348
	CA60	51	5.0	12	109	1308
	CA50	52	12.5	24	100	2400
P49	CA60	53	5.0	4	29	116
	CA60	54	5.0	4	109	436
	CA50	55	10.0	6	92	552
P50	CA60	56	5.0	8	29	232
	CA60	57	5.0	4	109	436
	CA50	58	10.0	10	92	920
P58	CA60	59	5.0	5	79	395
	CA50	60	10.0	4	97	388
2xP69	CA60	61	5.0	8	89	712
	CA50	62	10.0	8	92	736

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	330.4	224.1
	12.5	140.9	149.3
CA60	5.0	340.6	57.7

PESO TOTAL (kg)	
CA50	373.4
CA60	57.7

Volume de concreto (C-30) = 1.99 m³

Área de forma = 34.56 m²

REVISÃO	DATA	DESCRIÇÃO:	RESP.:
REV. 03	23/04/21	INSERÇÃO DE MICTÓRIOS	DAC
REV. 02	18/03/21	ALTERAÇÃO DO ACESSO DE SERVIÇO	DAC
REV. 01	16/12/20	ALTERAÇÃO DE LAYOUT	DAC
REV. 00	27/11/20	EMISSÃO INICIAL	DAC

CLIENTE

Prefeitura Municipal de **Pouso Alegre**

PROJETO

DAC engenharia

Rua Miguel Vianna, nº 81, Sala 12
Bairro Morro Chic
CEP: 37500-080 – Itajubá / MG
Tel: (35) 3623-5720
www.dacengenharia.com.br

GERÊNCIA DE PROJETOS
DENIS DE SOUZA SILVA CREA: MG-127.216/D

COORDENAÇÃO DE PROJETOS
ALOISIO CAETANO FERREIRA CREA: MG-97.132/D

RESPONSÁVEL TÉCNICO
ENGº. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D

PROJETO
ENGº. SC. WILLIAM BARADEL LARI

DESENHO
ENGº. SC. WILLIAM BARADEL LARI

EMPREENDIMENTO

IMPLANTAÇÃO DA ESCOLA CIDADE JARDIM

ENDEREÇO
AVENIDA CAMILO DE BARROS LARAIA
POUSO ALEGRE – MINAS GERAIS

ASSUNTO
PROJETO DE ESTRUTURA EM CONCRETO ARMADO – PRÉDIO A
DETALHAMENTO DAS ARMADURAS
ARRANQUES DOS PILARES

DISCIPLINA: ESTRUTURAL

FASE DO PROJETO: EXECUTIVO

FOLHA Nº: 08/49

DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
27/11/2020	INDICADA	R02	DAC-PMPA-JAR-PE-EST-R03.DWG