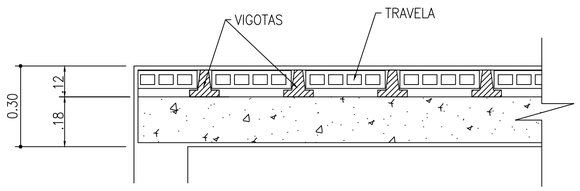
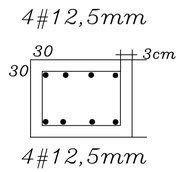
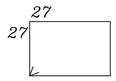
DETALHES DOS PILARES MEZANINO







Sem escala

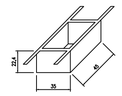
TRAÇOS DE CONCRETO UTILIZADOS

FCK=200 Kgf/cm2= 20 MPA

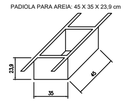
VIGAS BALDRAMES, PILARES, LAJES , VIGAS,SAPATAS:
ADMITE-SE ATÉ 20% DE MATAÇÃO ROLADO PEQ.NA CONCRETAGEM DAS SAPATAS

1 SACO DE CIMENTO
3 PADIOLAS DE AREIA (45X35X23,9 cm)
4 PADIOLAS DE BRITA 01 (45X35X22,4 cm)
36,5 LITROS DE ÁGUA

PADIOLA PARA BRITA: 45 X 35 X 22,4 cm

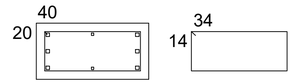


PADIOLA PARA AREIA: 45 X 35 X 23,9 cm



PILARES MEZANINO

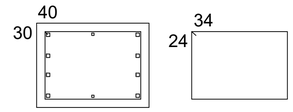
PILAR - PLANTA BAIXA TÉRREO



2 #10,0 C:4,13
6 #12,5 C:4,13
24 #5 c/15

Usar este pilar para os seguintes:
P1, P3, P4, P8, P9, P10, P13, P14, P15, P17, P18, P19, P21, P22, P23, P26, P27, P30, P31, P33, P34 e P36.

PILAR DO MEZANINO

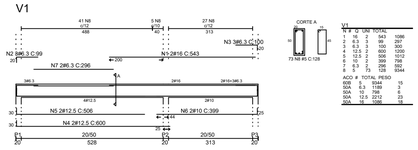


2 #10,0 C:4,13
8 #12,5 C:4,13
24 #5 c/15

Usar este pilar para os seguintes:
P12, P20, P25, P29 e P35.

VIGAS MEZANINO

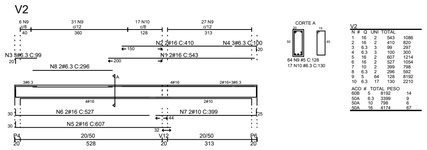
V1



V1				
N	Ø	Q	UN	TOTAL
1	16	2	543	1086
2	6.3	3	95	287
3	6.3	3	99	297
4	12.5	2	600	1200
5	12.5	2	506	1012
6	10	2	399	798
7	10	2	399	798
8	5	73	128	9344

AÇO #	TOTAL	PESO	
60B	5	9344	15
50A	6.3	384	1
50A	10	798	5
50A	12.5	2212	23
50A	16	1086	18

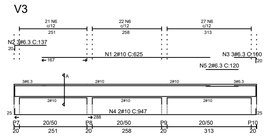
V2



V2				
N	Ø	Q	UN	TOTAL
1	16	2	543	1086
2	6.3	3	95	287
3	6.3	3	99	297
4	6.3	3	100	301
5	16	2	410	820
6	16	2	527	1054
7	10	2	399	798
8	10	2	399	798
9	5	64	128	8192
10	6.3	17	130	2210

AÇO #	TOTAL	PESO	
60B	5	8192	14
50A	6.3	1396	5
50A	10	798	5
50A	16	4174	67

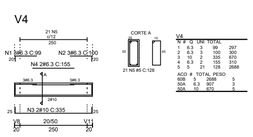
V3



V3				
N	Ø	Q	UN	TOTAL
1	10	2	625	1250
2	6.3	3	137	411
3	6.3	3	100	300
4	10	2	947	1894
5	6.3	2	120	240
6	5	70	128	8960

AÇO #	TOTAL	PESO	
60B	5	8960	15
50A	6.3	951	3
50A	10	2144	20

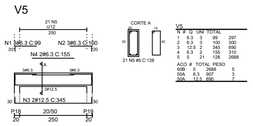
V4



V4				
N	Ø	Q	UN	TOTAL
1	6.3	3	99	297
2	6.3	3	100	300
3	10	2	335	670
4	6.3	2	155	310
5	5	21	128	2688

AÇO #	TOTAL	PESO	
60B	5	2688	5
50A	6.3	907	3
50A	10	670	3

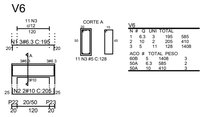
V5



V5				
N	Ø	Q	UN	TOTAL
1	6.3	3	99	297
2	6.3	3	100	300
3	12.5	2	345	690
4	6.3	2	155	310
5	5	21	128	2688

AÇO #	TOTAL	PESO	
60B	5	2688	5
50A	6.3	607	2
50A	12.5	690	7

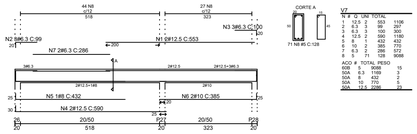
V6



V6				
N	Ø	Q	UN	TOTAL
1	6.3	3	195	585
2	10	2	205	410
3	5	11	128	1408

AÇO #	TOTAL	PESO	
60B	5	1408	3
50A	6.3	585	2
50A	10	410	2

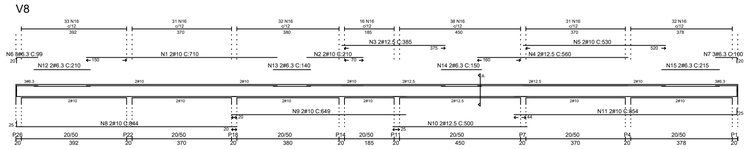
V7



V7				
N	Ø	Q	UN	TOTAL
1	12.5	2	553	1106
2	6.3	3	99	297
3	6.3	3	100	301
4	12.5	2	590	1180
5	8	1	432	432
6	10	2	385	770
7	6.3	2	286	572
8	5	71	128	9088

AÇO #	TOTAL	PESO	
60B	5	9088	15
50A	6.3	1169	3
50A	8	432	2
50A	10	770	5
50A	12.5	2356	23

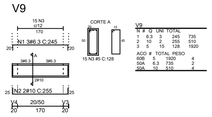
V8



V8				
N	Ø	Q	UN	TOTAL
1	10	2	710	1420
2	10	2	210	420
3	12.5	2	365	730
4	12.5	2	560	1120
5	10	2	530	1060
6	6.3	3	99	297
7	6.3	3	100	301
8	10	2	844	1688
9	10	2	649	1298
10	12.5	2	500	1000
11	10	2	854	1708
12	6.3	2	210	420
13	6.3	2	140	280
14	6.3	2	150	300
15	6.3	2	215	430
N	5	213	128	27264

AÇO #	TOTAL	PESO	
60B	5	27264	44
50A	6.3	2027	6
50A	10	7594	48
50A	12.5	2890	29

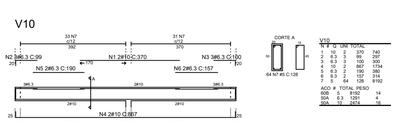
V9



V9				
N	Ø	Q	UN	TOTAL
1	6.3	3	245	735
2	10	2	255	510
3	5	15	128	1920

AÇO #	TOTAL	PESO	
60B	5	1920	4
50A	6.3	735	2
50A	10	510	2

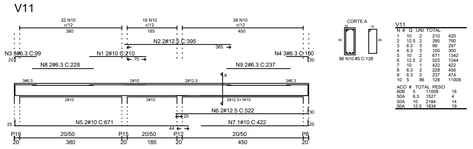
V10



V10				
N	Ø	Q	UN	TOTAL
1	10	2	370	740
2	10	2	887	1774
3	6.3	3	100	300
4	10	2	887	1774
5	6.3	2	190	380
6	6.3	2	157	314
7	5	64	128	8192

AÇO #	TOTAL	PESO	
60B	5	8192	14
50A	6.3	1394	5
50A	10	2514	16

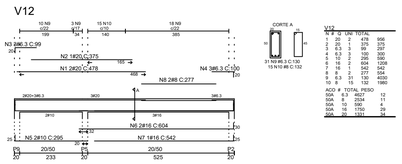
V11



V11				
N	Ø	Q	UN	TOTAL
1	10	2	210	420
2	10	2	395	790
3	6.3	3	99	297
4	6.3	3	100	300
5	10	2	671	1342
6	12.5	2	522	1044
7	10	1	422	422
8	6.3	2	228	456
9	6.3	2	237	474
10	5	86	128	11008

AÇO #	TOTAL	PESO	
60B	5	11008	18
50A	6.3	1029	3
50A	10	2184	14
50A	12.5	1834	18

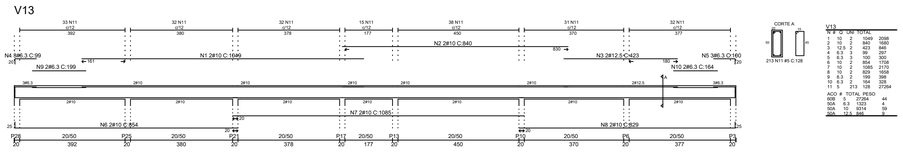
V12



V12				
N	Ø	Q	UN	TOTAL
1	20	2	478	956
2	10	2	295	590
3	6.3	3	99	297
4	6.3	3	100	300
5	16	2	604	1208
6	16	2	604	1208
7	16	1	542	542
8	10	2	277	554
9	6.3	31	130	4030
10	6	15	132	1980

AÇO #	TOTAL	PESO	
50A	6.3	4627	13
50A	8	1980	3
50A	10	590	4
50A	16	1750	29
50A	20	1251	32

V13



V13				
N	Ø	Q	UN	TOTAL
1	10	2	1049	2098
2	10	2	840	1680
3	12.5	2	423	846
4	6.3	3	99	297
5	6.3	3	160	480
6	10	2	854	1708
7	10	2	1085	2170
8	10	2	829	1658
9	6.3	2	199	398
10	6.3	2	164	328
11	5	213	128	27264

AÇO #	TOTAL	PESO	
60B	5	27264	44
50A	6.3	1231	4
50A	12	8914	59
50A	12.5	846	8

ENDEREÇO: **AV. DR. DOMINGOS CONDE LOTE 20 QUADRA B BAIRRO PARQUE DOS PINHEIROS PARAGUAÇU - MG.**

PROPRIETÁRIO:

CPF/CGC

CORREDOR/ZONA:

CATEGORIA DE USO:

DECLARO QUE A APROVAÇÃO DO PROJETO, NÃO IMPLICA NO RECONHECIMENTO POR PARTE DA PREFEITURA DO DIREITO DE PROPRIEDADE DO TERRENO.

PROPRIETÁRIO

AUTOR DO PROJETO

RESPONSÁVEL TÉCNICO

DESENHOS: DATA:

APROVAÇÕES

IDENTIFICAÇÃO DA OBRA: **PROJETO P/ CONSTRUÇÃO RESIDÊNCIAL**

CONTEÚDO DA PRANCHA: **PROJETO ESTRUTURAL**

ESCALA: SEM ESCALA ARQUIVO:

P R A N C H A **04/06**

M U G