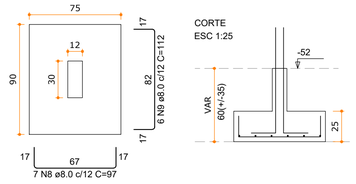
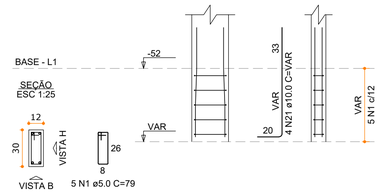
S1
PLANTA
ESC 1:25



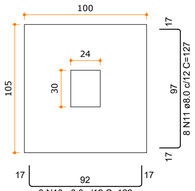
CORTE
ESC 1:25

Solo com capacidade de suporte > 0.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

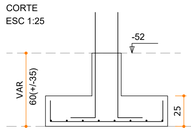
P1



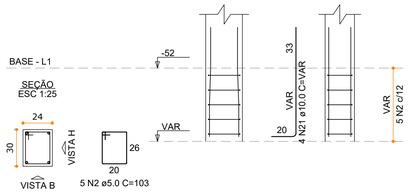
S2
PLANTA
ESC 1:25



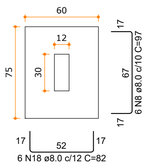
CORTE
ESC 1:25



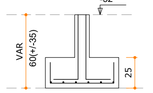
P2



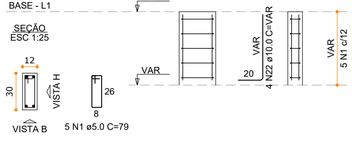
S3=S11
PLANTA
ESC 1:25



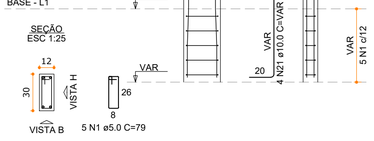
CORTE
ESC 1:25



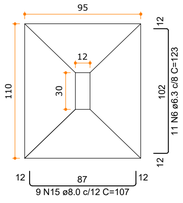
P11



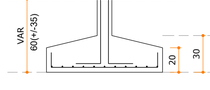
P3



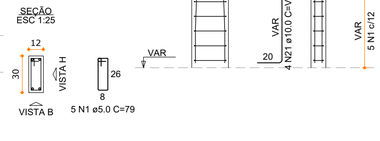
S6=S7
PLANTA
ESC 1:25



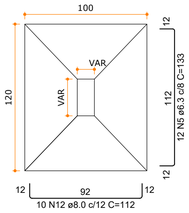
CORTE
ESC 1:25



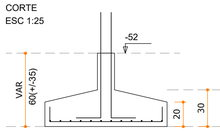
P6=P7



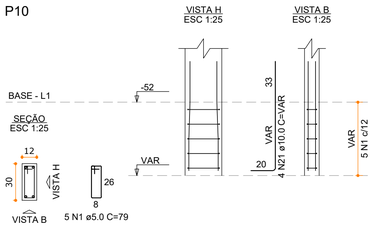
S4=S10
PLANTA
ESC 1:25



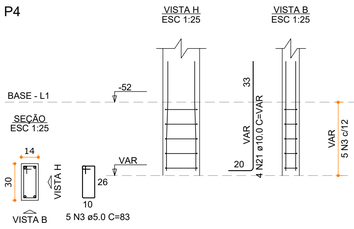
CORTE
ESC 1:25



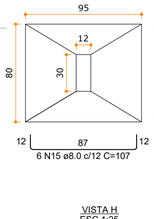
P10



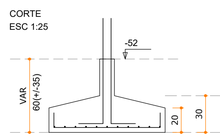
P4



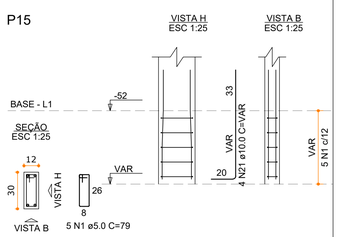
S15
PLANTA
ESC 1:25



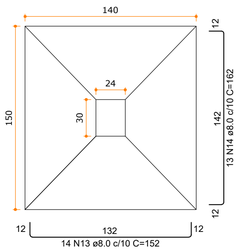
CORTE
ESC 1:25



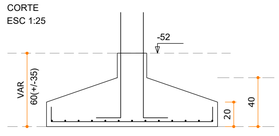
P15



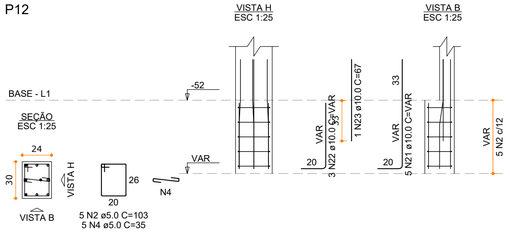
S5=S12
PLANTA
ESC 1:25



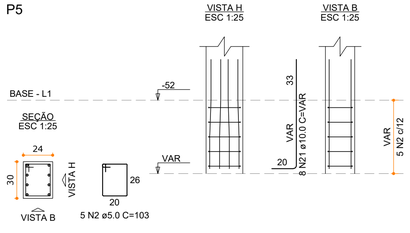
CORTE
ESC 1:25



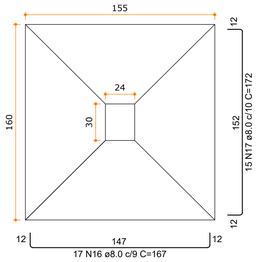
P12



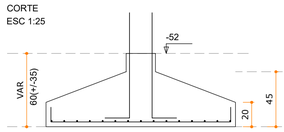
P5



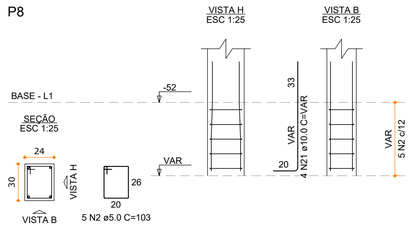
S8
PLANTA
ESC 1:25



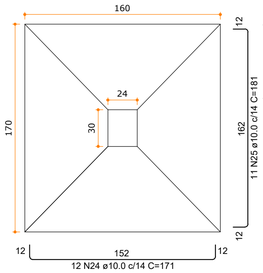
CORTE
ESC 1:25



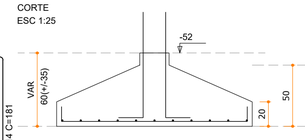
P8



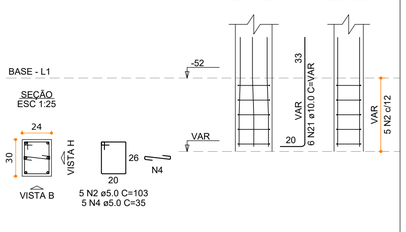
S9
PLANTA
ESC 1:25



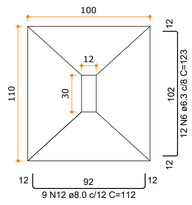
CORTE
ESC 1:25



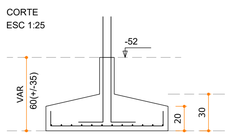
P9



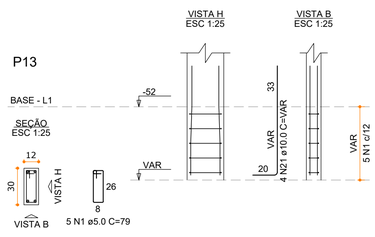
S13
PLANTA
ESC 1:25



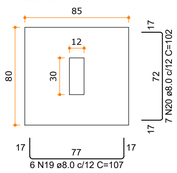
CORTE
ESC 1:25



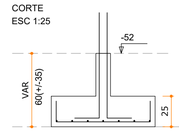
P13



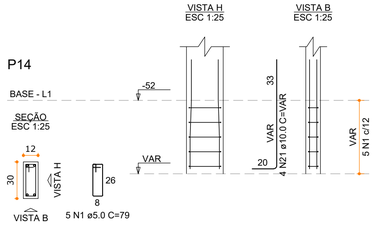
S14
PLANTA
ESC 1:25



CORTE
ESC 1:25



P14



NOTAS

As especificações gerais de material, projeto e execução encontram-se na prancha 01 - Detalhes Gerais.

Dimensões em centímetros, exceto quando indicado.

RELAÇÃO DO AÇO

P1	P2	P3
P4	P5	2xP6
P8	P9	P10
P11	P12	P13
P14	P15	S1
S2	2xS4	2xS5
2xS7	S8	S9
2xS11	S13	S14
S15		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	45	79	3555
	2	5.0	25	103	2575
	3	5.0	5	83	415
	4	5.0	10	35	350
CA50	5	6.3	24	133	3192
	6	6.3	34	123	4182
	7	6.3	11	93	1023
	8	8.0	19	97	1843
	9	8.0	6	112	672
	10	8.0	9	122	1098
	11	8.0	8	127	1016
	12	8.0	29	112	3248
	13	8.0	28	152	4256
	14	8.0	26	162	4212
	15	8.0	24	107	2568
	16	8.0	17	167	2839
	17	8.0	15	172	2580
	18	8.0	12	82	984
	19	8.0	6	107	642
	20	8.0	7	102	714
	21	10.0	63	VAR	VAR
	22	10.0	7	VAR	VAR
	23	10.0	1	67	67
	24	10.0	12	171	2052
	25	10.0	11	181	1991

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	84	20.5
	8.0	266.7	105.2
	10.0	113.5	70
CA60	5.0	69	10.6
PESO TOTAL (kg)			
CA50	195.8		
CA60	10.6		

Volume de concreto (C-30) = 5.58 m³
Área de forma = 22.17 m²

QUADRO DE REVISÕES

REVISÃO	DESCRIÇÃO	DATA	DESENHO
R00	EMISSÃO INICIAL	02.05.19	SELTON

APROVAÇÕES

EST Estrutural

PROPRIETÁRIO
MUNICÍPIO DE ITAJAÍ
CNPJ: 83.102.277/0001-52

RESPONSÁVEL TÉCNICO
ROBSON CARLOS SANTOS
CREA/SC 062935-8

MAGNUS engenharia e arquitetura

PROPRIETÁRIO	MUNICÍPIO DE ITAJAÍ
EDIFICAÇÃO	CENTRO DE EDUCAÇÃO PROFESSOR CACILDO ROMAGNANI
ENDEREÇO	EMANOEL JOSÉ REBELLO, 60 CIDADE NOVA | ITAJAÍ/SC
PROJETO	ESTRUTURAL | RAMPA 01
CONTEUDO	DETALHES SAPATAS
ARQUIVO	0651.EST.EX.005.Rampa01_Detalhes01.R00
ETAPA	EXECUTIVO
FOLHA	EST-005
ESCALA	INDICADA

MAGNUS PROJETOS CONSTRUÇÕES E REPRESENTAÇÕES COMERCIAIS LTDA | CREA 086683-1 | CAU 18198-6 | CNPJ 09.549.705/0001-37
Rua Lauro Müller, 853 | Sala 02 - Fazenda | CEP 88301-401 - ITAJAÍ/SC Fone: [47] 3349-9330 / 3348-5561 | magnus@magnusengenharia.com.br