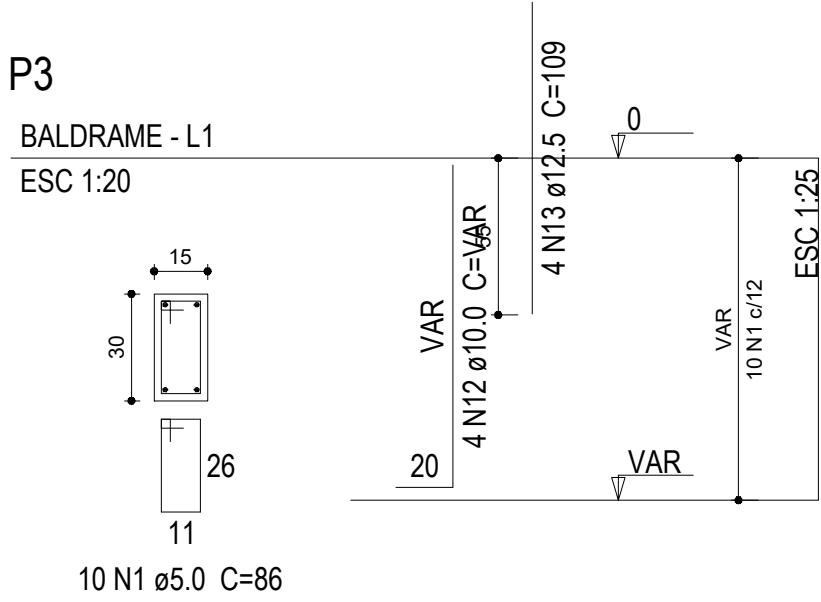
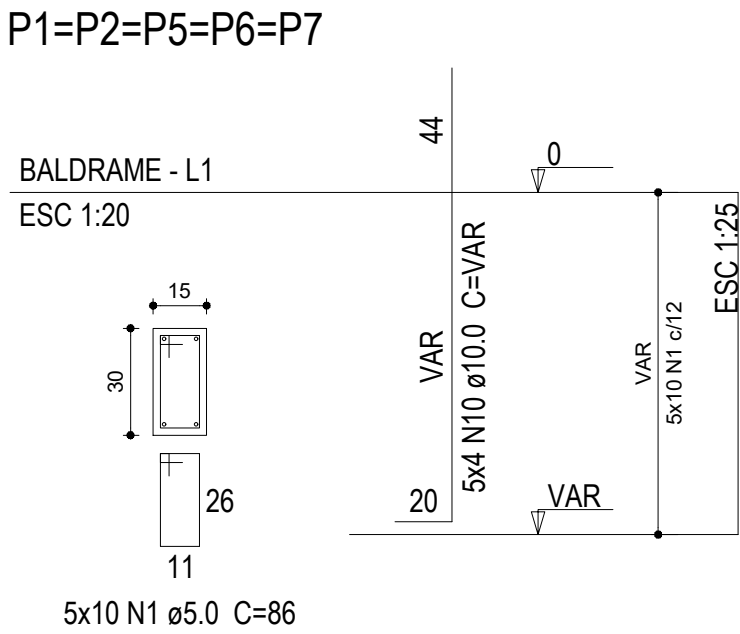
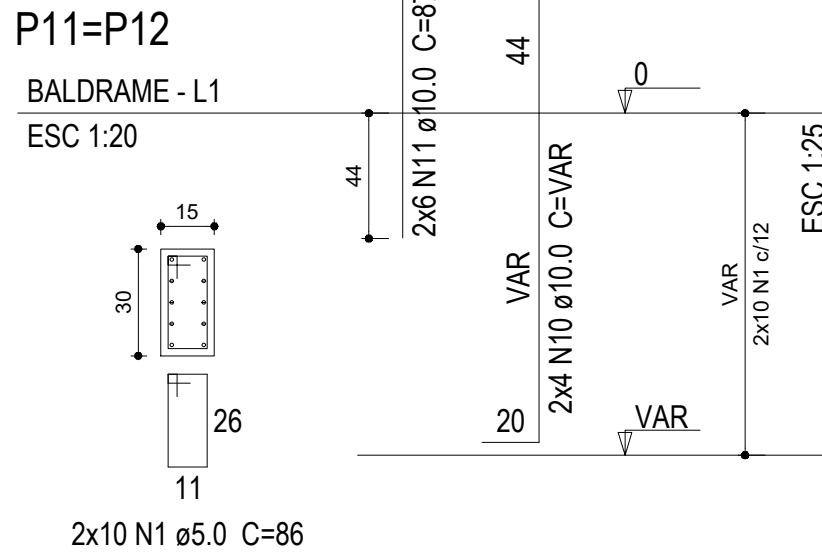
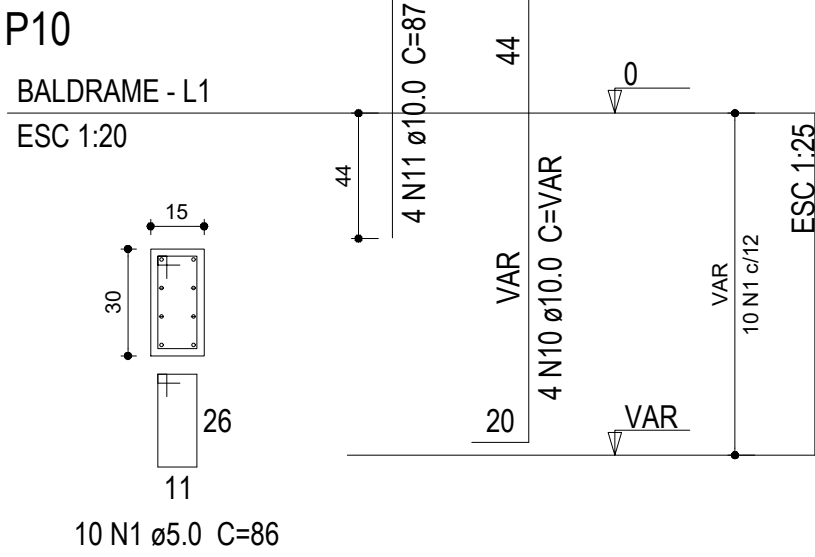
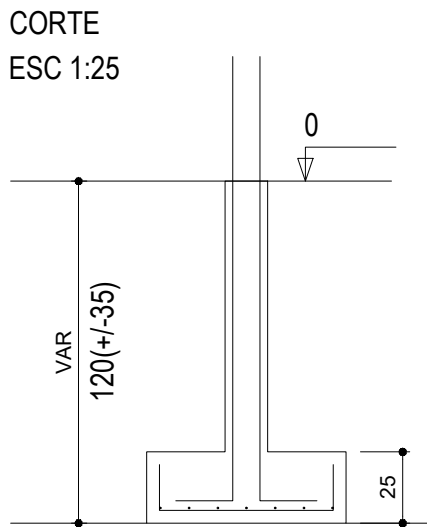
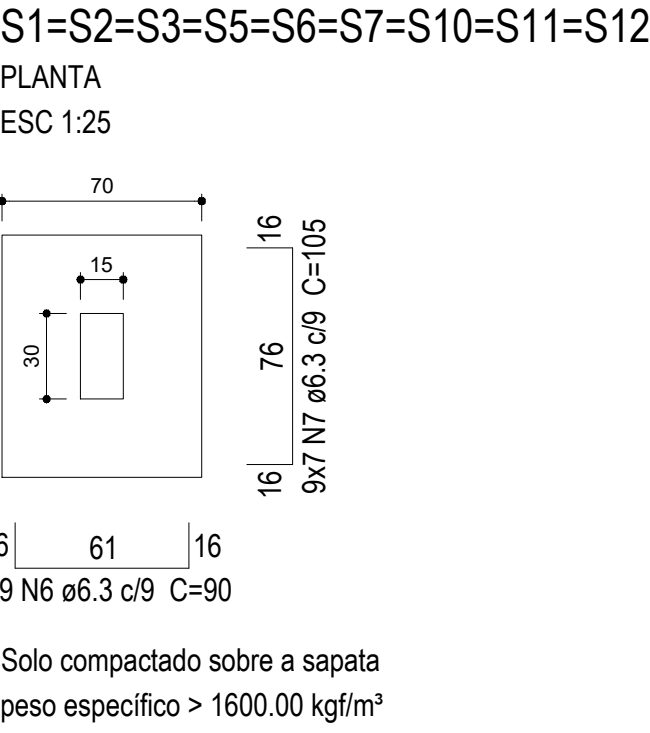


Relação do aço

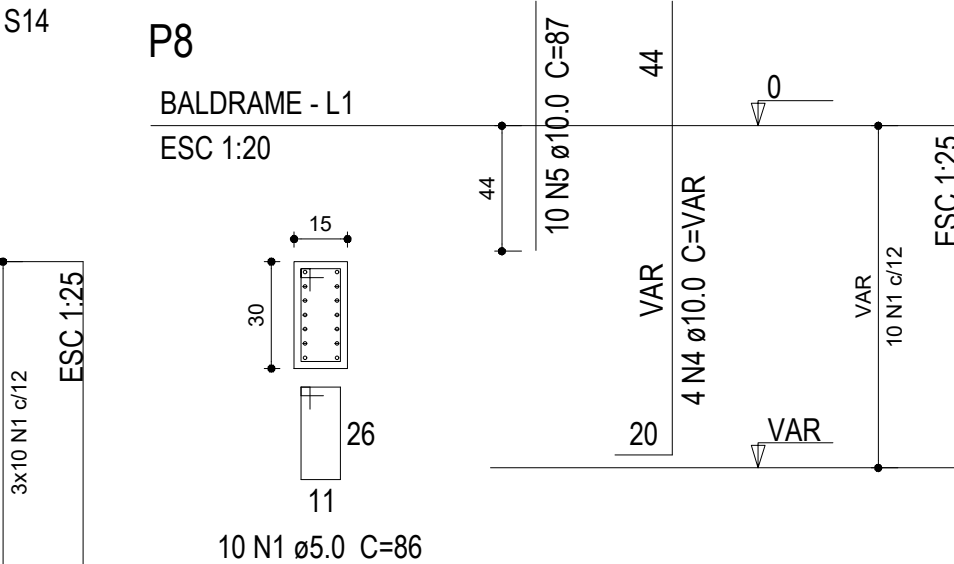
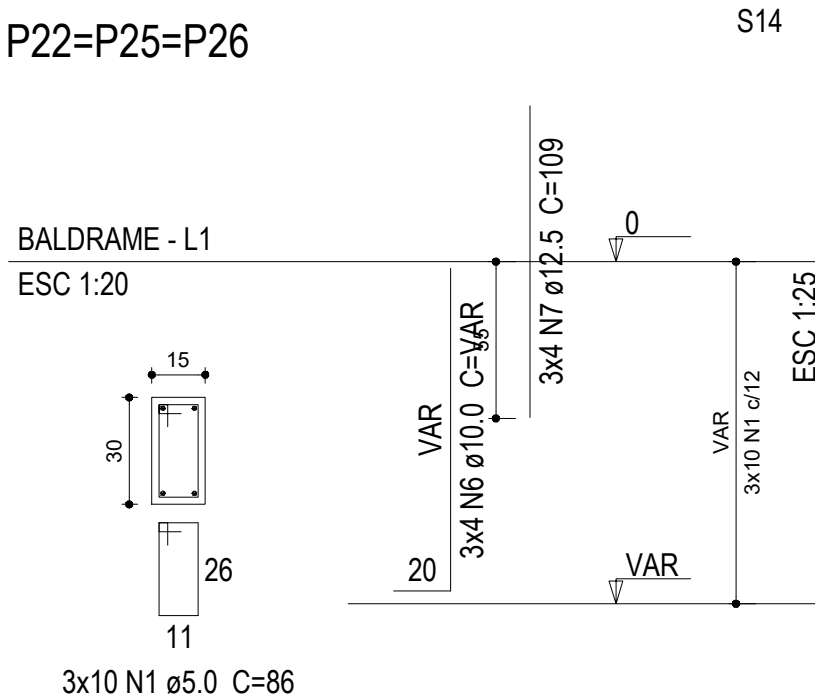
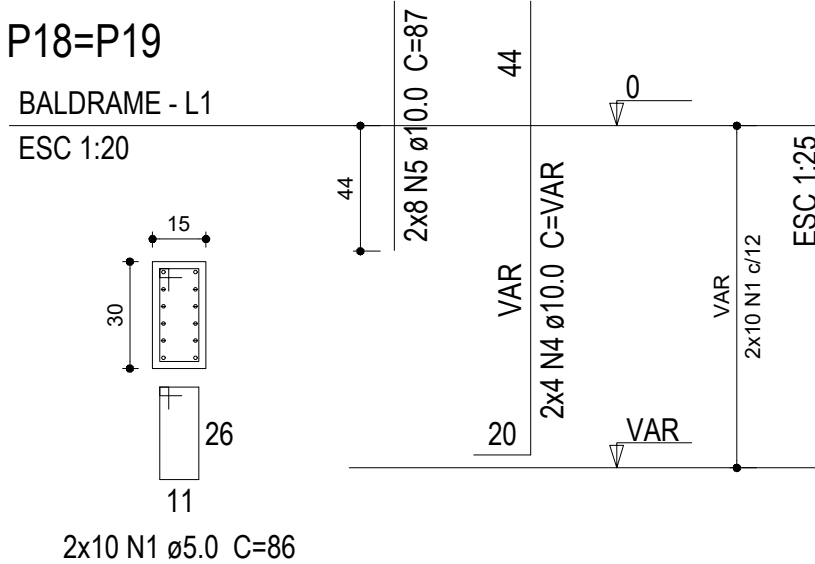
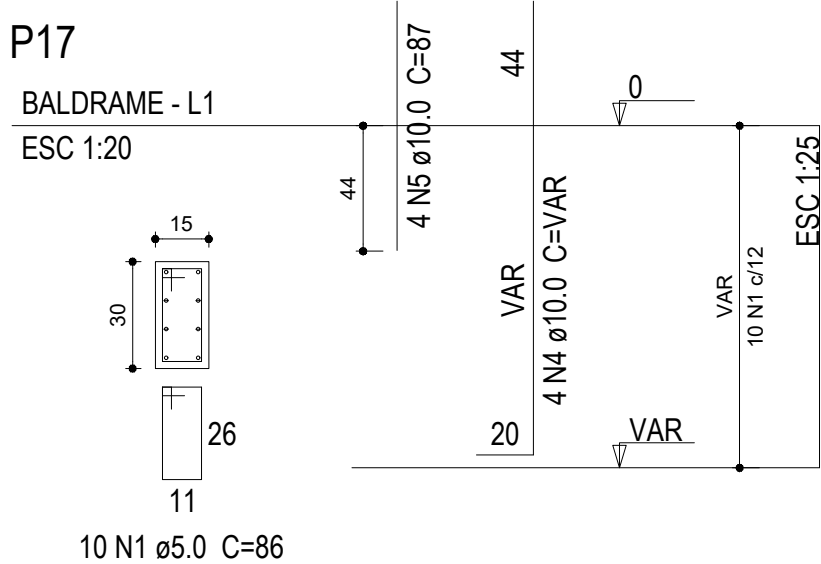
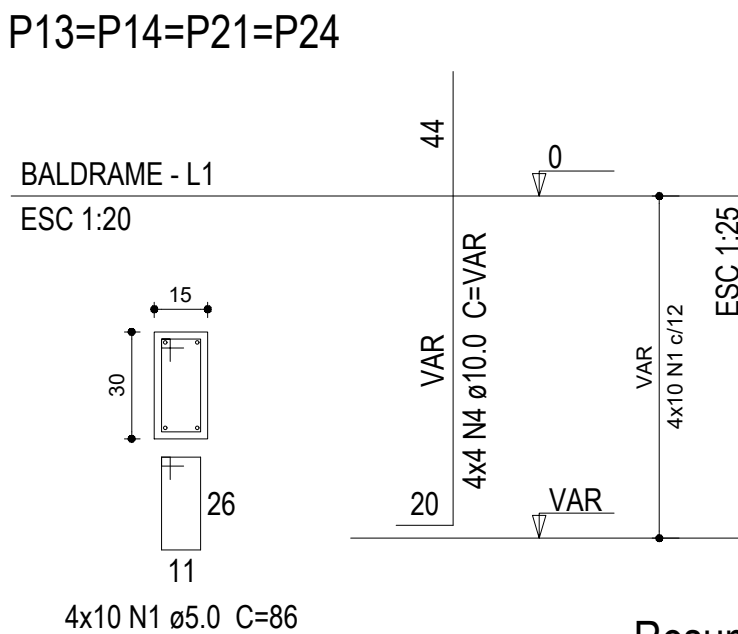
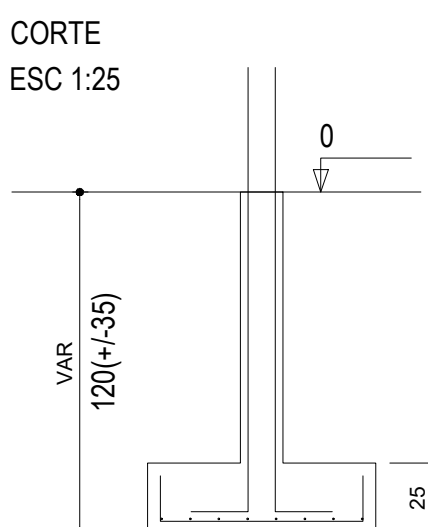
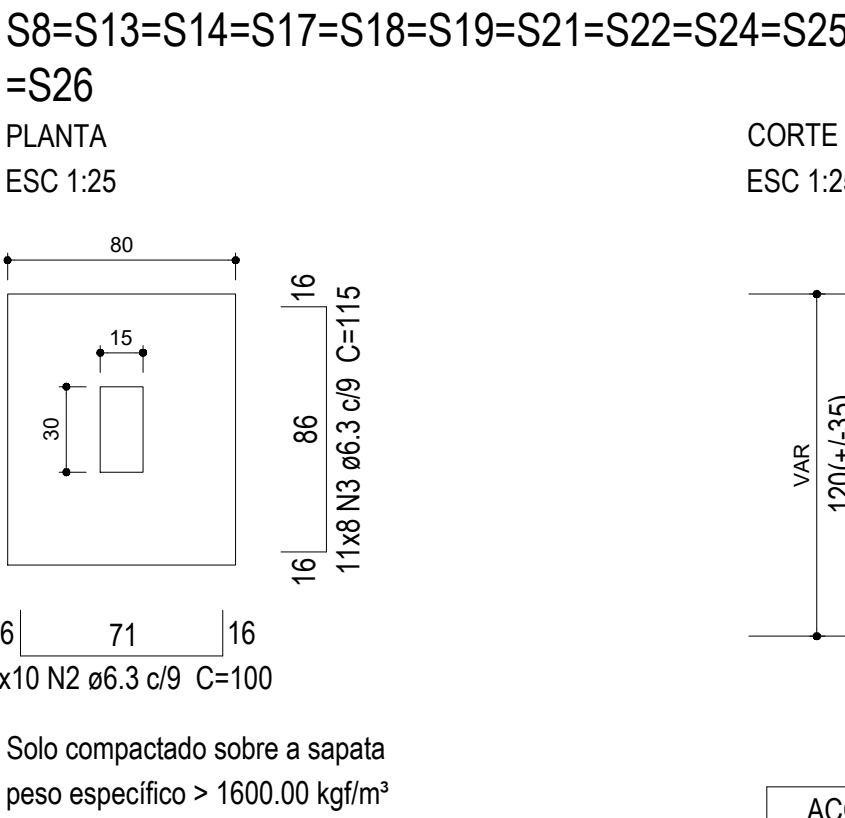
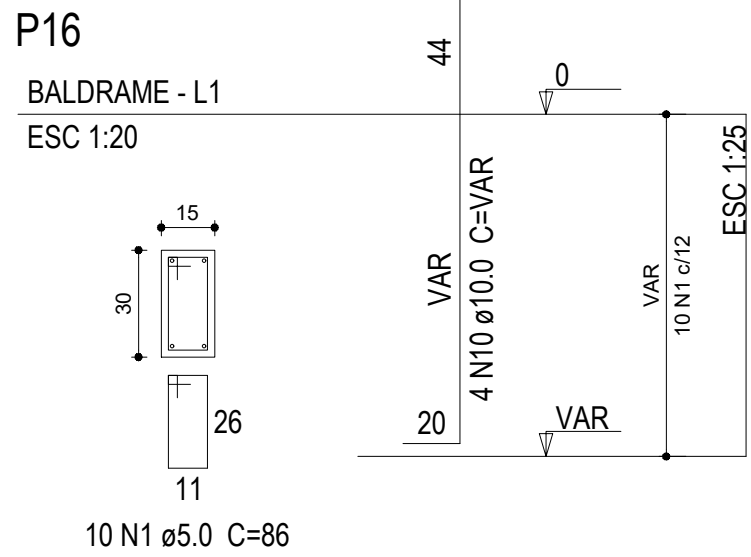
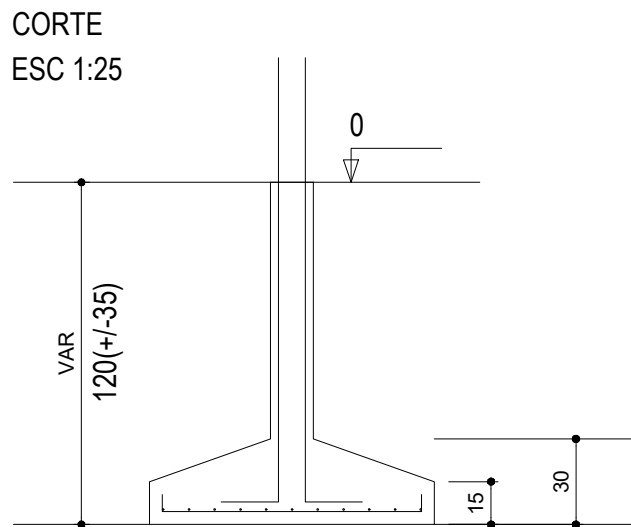
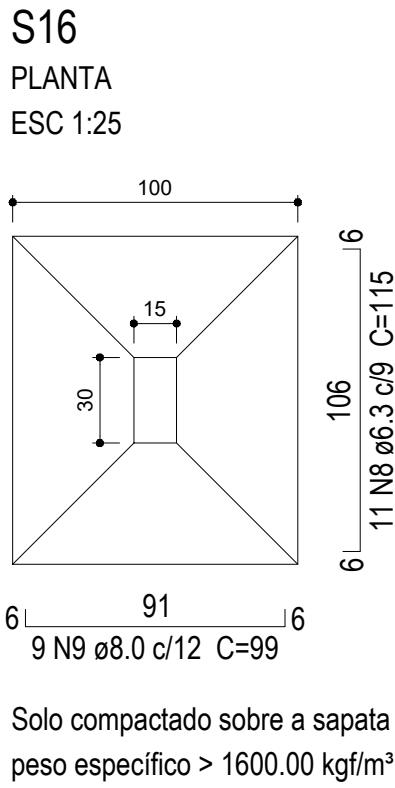
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	150	86	12900
CA50	2	6.3	8	80	640
	3	6.3	6	95	570
	4	6.3	48	110	5280
	5	6.3	36	125	4500
	6	6.3	81	90	7290
	7	6.3	63	105	6615
	8	6.3	11	115	1265
	9	8.0	9	99	891
	10	10.0	56	VAR	VAR
	11	10.0	16	87	1392
	12	10.0	4	VAR	VAR
	13	12.5	4	109	436



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	261.6	70.4
	8.0	9	3.9
	10.0	118.9	80.6
	12.5	4.4	4.6
CA60	5.0	129	21.9
PESO TOTAL (kg)			
CA50		159.5	
CA60		21.9	

Volume de concreto (C-20) = 3.45 m³
Área de forma = 28.4 m²



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	110	86	9460
CA50	2	6.3	110	100	11000
	3	6.3	88	115	10120
	4	10.0	32	VAR	VAR
	5	10.0	30	87	2610
	6	10.0	12	VAR	VAR
	7	12.5	12	109	1308

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	211.2	56.8
	10.0	98.8	67
	12.5	13.1	13.9
CA60	5.0	94.6	16
PESO TOTAL (kg)			
CA50		137.7	
CA60		16	

Volume de concreto (C-20) = 2.68 m³
Área de forma = 21.51 m²

PROJETO ESTRUTURAL

Áreas:
A Construir:

Nº de pavimentos: 01

Logradouro (Rua): RUA SAGRADO CORAÇÃO DE JESUS, 01

Município: DISTRITO DE HERMILO ALVES-CARANDA Í-MG

Escala: INDICADA

FCK: INDICADO

Folha: 04 /08