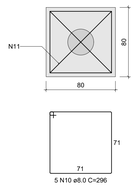
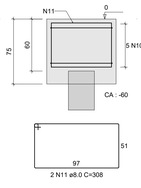
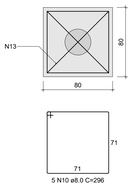
B1=B13=B14=B15=B28=B51
1xC30
PLANTA
ESC 1:25



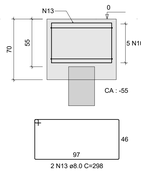
CORTE
ESC 1:25



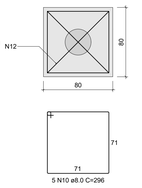
B2=B3=B4=B5=B25=B26=B27=B36=B37=B38=B49 =B50=B60=B61=B62=B63=B70=B71
1xC30
PLANTA
ESC 1:25



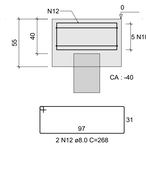
CORTE
ESC 1:25



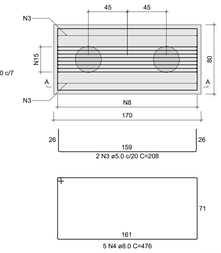
B6=B64
1xC30
PLANTA
ESC 1:25



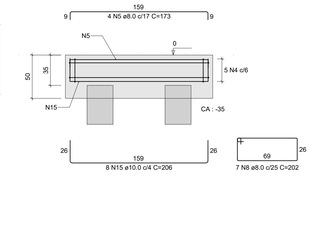
CORTE
ESC 1:25



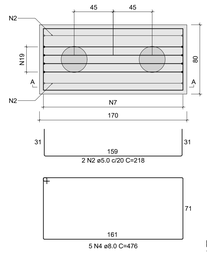
B16=B54
2xC30
PLANTA
ESC 1:25



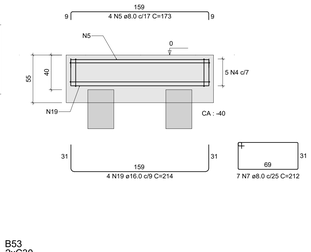
CORTE A-A
ESC 1:25



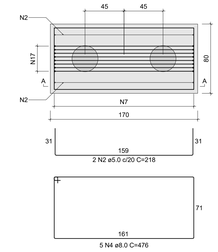
B29
2xC30
PLANTA
ESC 1:25



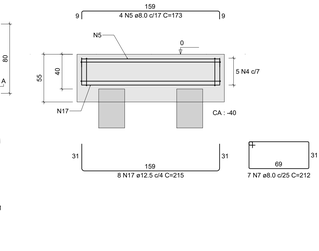
CORTE A-A
ESC 1:25



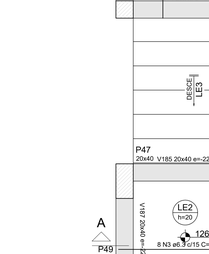
B30
2xC30
PLANTA
ESC 1:25



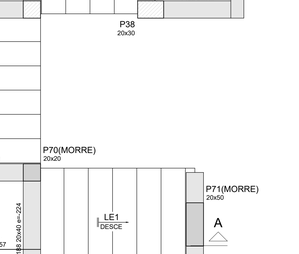
CORTE A-A
ESC 1:25



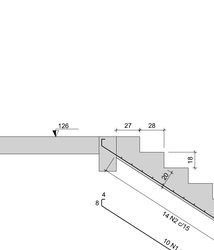
B31=B41
2xC30
PLANTA
ESC 1:25



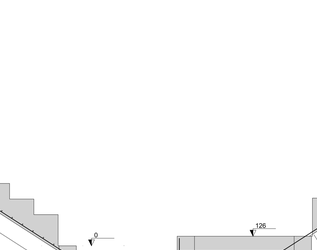
CORTE A-A
ESC 1:25



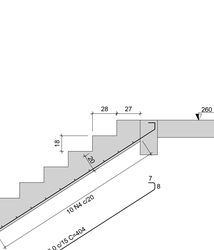
B47
2xC30
PLANTA
ESC 1:25



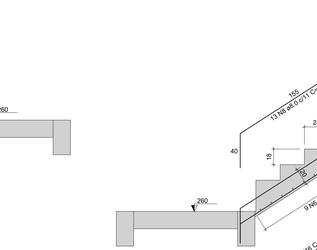
CORTE A-A
ESC 1:25



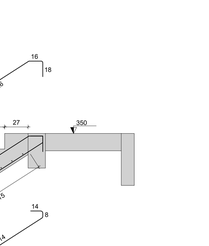
B52
2xC30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



B53
2xC30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25

RELAÇÃO DO AÇO

B19-L2 B32-L2 B47-L1 B53-L1 7x858-L2 18x871-L1
B29-L1 2x841-L1 6x851-L1 2x854-L1 2x864-L1
B30-L1 4x845-L2 B52-L1 B55-L2 19x869-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	228	2736
	2	5.0	12	218	2616
	3	5.0	8	208	1664
CA50	4	8.0	74	476	35224
	5	8.0	64	173	11072
	6	8.0	42	222	9324
	7	8.0	42	212	8904
	8	8.0	28	202	5656
	9	8.0	4	217	868
	10	8.0	260	296	76960
	11	8.0	26	308	8008
	12	8.0	4	268	1072
	13	8.0	74	298	22052
	14	10.0	41	226	9266
	15	10.0	34	206	7004
	16	10.0	16	216	3456
	17	12.5	8	215	1720
	18	12.5	6	225	1350
	19	16.0	8	214	1712

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	1791.4	777.5
	10.0	197.3	133.8
	12.5	30.7	32.5
	16.0	17.1	29.7
CA60	5.0	70.2	11.9
PESO TOTAL (kg)			
CA50	973.6		
CA60	11.9		

Volume de concreto (C-25) = 34.73 m³
Área de forma = 162.10 m²

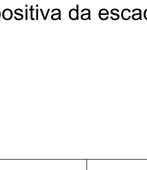
B7=B8=B9=B10=B11=B12=B17=B21=B22=B24 =B35=B42=B48=B59=B65=B66=B67=B68=B69
1xC30
PLANTA
ESC 1:25



CORTE
ESC 1:25



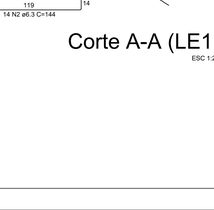
B18=B20=B33=B43=B56=B57=B58
1xC30
PLANTA
ESC 1:25



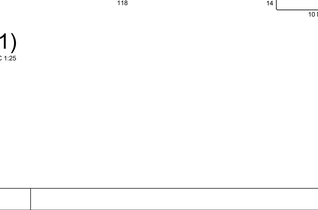
CORTE
ESC 1:25



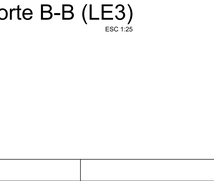
B19
2xC30
PLANTA
ESC 1:25



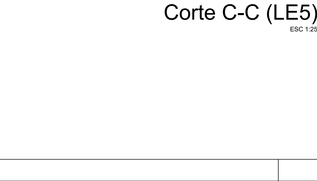
CORTE A-A
ESC 1:25



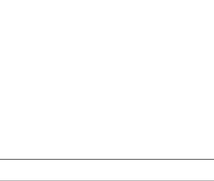
B23=B34=B44=B45
2xC30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



B32
2xC30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



B55
2xC30
PLANTA
ESC 1:25

CORTE A-A
ESC 1:25

Armação positiva da escada E1
ESC 1:25

RELAÇÃO DO AÇO

LE1 LE4 LE2 LE5 LE3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	10	250	2500
	2	6.3	14	144	2016
	3	6.3	16	157	2512
	4	6.3	10	159	1590
	5	6.3	8	152	1216
	6	6.3	9	144	1296
	7	8.0	10	404	4040
	8	8.0	13	226	2938
	9	10.0	9	214	1926

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	111.3	30
	8.0	69.8	30.3
	10.0	19.3	13.1
PESO TOTAL (kg)			
CA50	73.3		

Volume de concreto (C-25) = 2.66 m³
Área de forma = 19.13 m²

Corte A-A (LE1)
ESC 1:25

Corte B-B (LE3)
ESC 1:25

Corte C-C (LE5)
ESC 1:25

CONSÓRCIO REGIONAL DE SANEAMENTO BÁSICO - CONSANE

AUTORIA DO PROJETO: Eng. Civil Felipe Vinícius Oliveira Silva
CREA nº 209726/D-MG

RESPONSÁVEL TÉCNICO: Eng. Civil Felipe Vinícius Oliveira Silva
CREA nº 209726/D-MG

ENDEREÇO: RUA QUINTINO BOCAIÚVA

PROPRIETÁRIO: Município de Elói Mendes/MG

PROJETO ESTRUTURA DE CONCRETO ARMADO

OBRA: SECRETARIA DE EDUCAÇÃO

ASSUNTO: FUNDAÇÕES E DETALHE DA ESCADA

ETAPA DO PROJETO: EXECUTIVO

REVISÃO:	FORMATO:	FOLHA:	DATA:
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