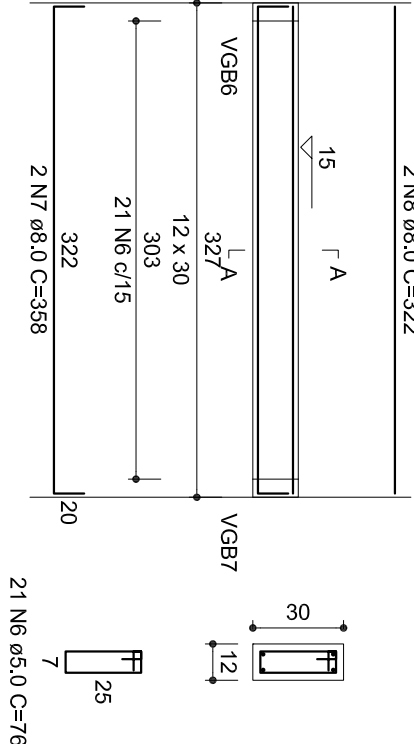


DETALHAMENTO VIGAS BALDRAME

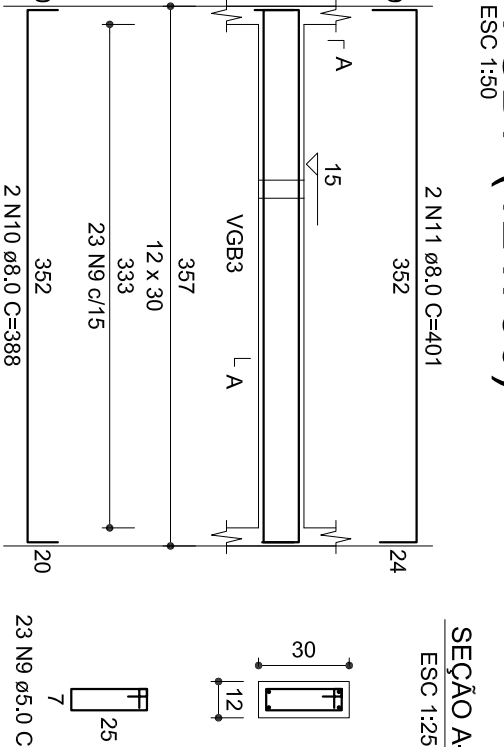
VGB3 (12 x 30)

ESC 1:50



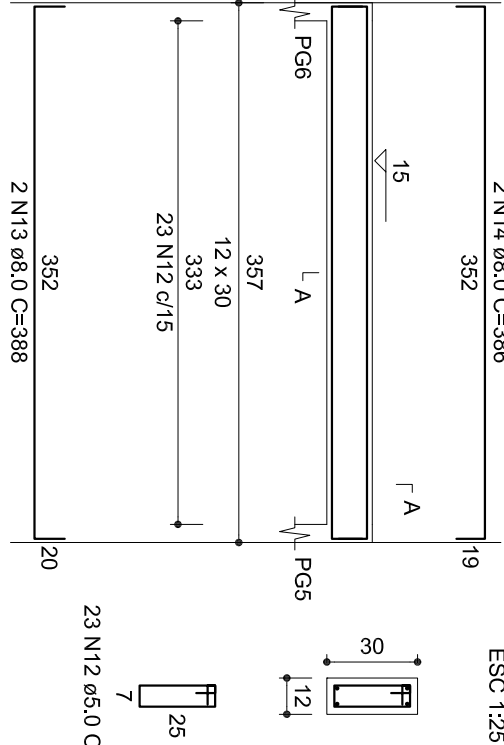
VGB6 (12 x 30)

ESC 1:50



VGB8 (12 x 30)

ESC 1:50



Relação do aço

ELEMENTO	ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
2XVGB1	CA60	1	5,0	36	76	2736
2XVGB2	CA60	2	8,0	8	322	2576
2XVGB3	CA60	3	8,0	34	76	2594
2XVGB4	CA60	4	8,0	36	76	2736
2XVGB5	CA60	5	8,0	4	322	1288
2XVGB6	CA60	6	5,0	21	76	1596
2XVGB7	CA60	8	8,0	2	359	716
2XVGB8	CA60	9	5,0	2	322	644
2XVGB9	CA60	10	5,0	46	76	3486
2XVGB10	CA60	11	8,0	4	401	1594
2XVGB11	CA60	12	5,0	23	76	1748
2XVGB12	CA60	13	8,0	2	388	772

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8,0	111,5	44
CA60	5,0	121,6	18,7
PESO TOTAL			
CA50			44
CA60			18,7

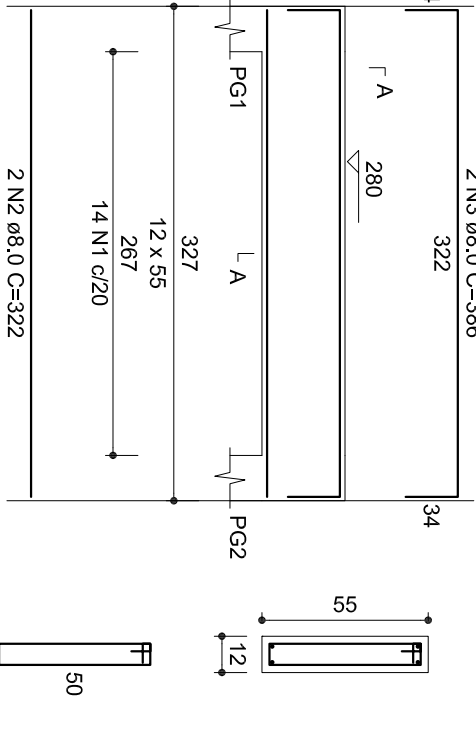
Volume de concreto (C-23) = 0,86 m³  
Área de forma = 19,24 m²

CENTRAL DE GASES

DETALHAMENTO VIGAS SUPERIOR

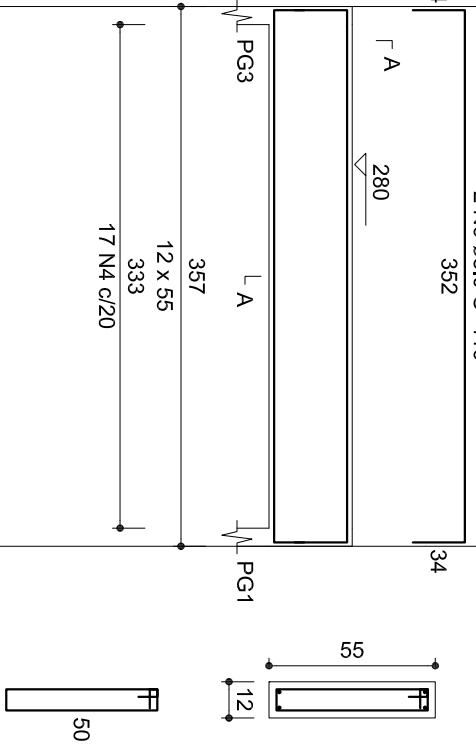
VGS1 (12 x 55)

ESC 1:50



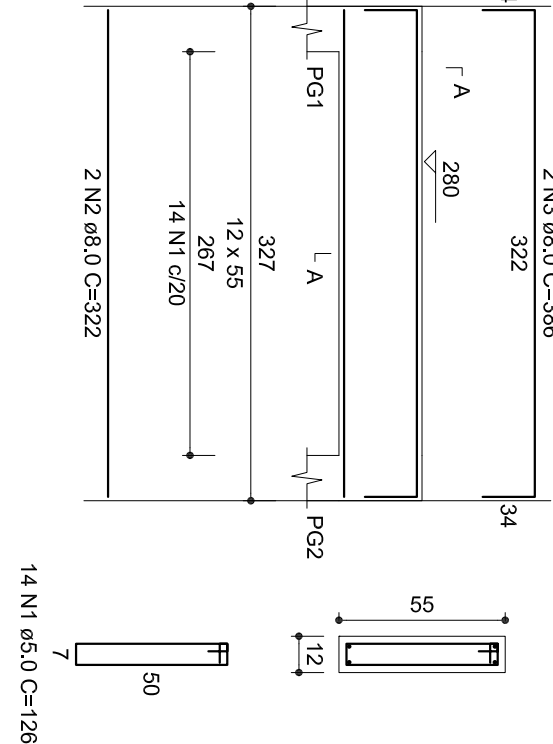
VGS3 (12 x 55)

ESC 1:50



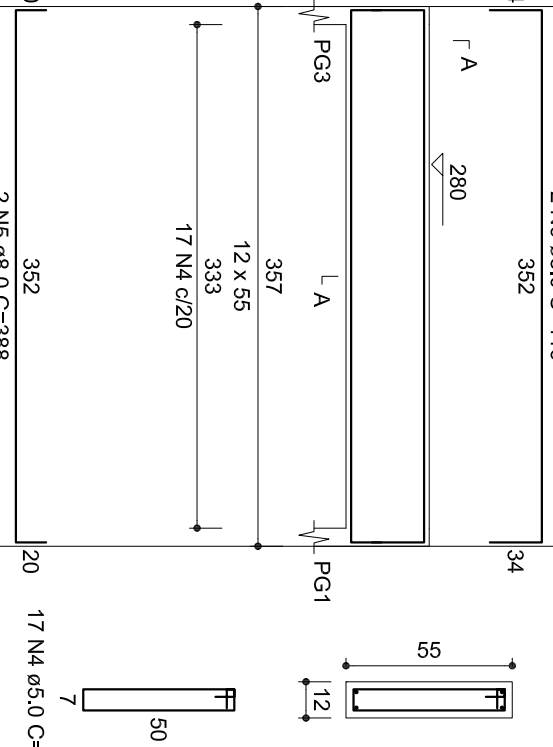
VGS2 (12 x 55)

ESC 1:50



VGS4 (12 x 55)

ESC 1:50



Relação do aço

ELEMENTO	ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
2XVGS1	CA60	1	5,0	26	126	3286
2XVGS2	CA60	2	8,0	4	286	2294
2XVGS3	CA60	3	8,0	4	386	1544
2XVGS4	CA60	4	5,0	34	126	4294
2XVGS5	CA60	5	8,0	4	386	1552
2XVGS6	CA60	6	8,0	4	416	1664

Resumo do aço

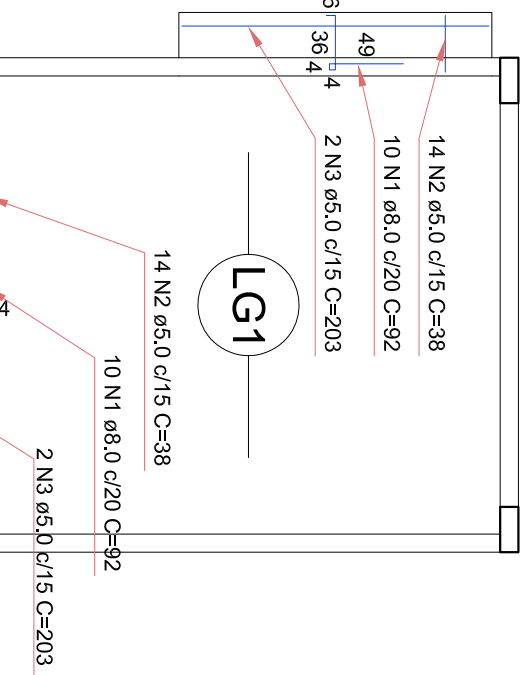
ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8,0	60,5	23,9
CA60	5,0	78,2	12
PESO TOTAL			
CA50			23,9
CA60			12

Volume de concreto (C-25) = 0,9 m³  
Área de forma = 16,59 m²

DETALHAMENTO LAJE BALANÇO

NOTAS

- 1º > O CONCRETO ADOPTADO  
CLOSSSE 25 (C25) – FCK(25)MPa  
Consumo mínimo de cimento = 280kg/m³  
Relação água/cimento < 0,50  
2º > VERIFICAR TODAS AS MEDIDAS NA OBRA  
3º > CONSULTAR EM CASO DE DÚVIDAS
- LEGENDA DOS PILARES
- PILARES QUE CONTINUAM
  - PILARES QUE NASCEM
  - PILARES COM MUDANÇA DE SEÇÃO



ELEMENTO	ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
Nagilhos	CA60	1	8,0	20	56	1120
Positivos	CA60	2	5,0	4	203	812
Peso	CA60	3	5,0	4	203	812

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8,0	18,4	7,3
CA60	5,0	18,6	2,5
PESO TOTAL			
CA50			7,3
CA60			2,5

Volume de concreto (C-25) = 0,65 m³  
Área de forma = 1,3 m²

Armação das lajes do pavimento SUPERIOR  
escala 1:50