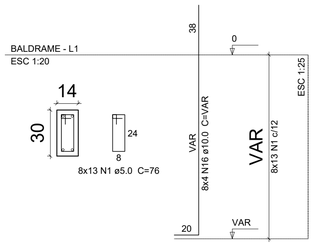
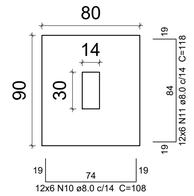
P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12

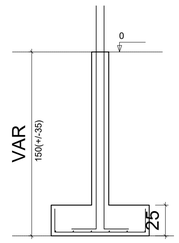


S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12

PLANTA
ESC 1:25



CORTE
ESC 1:25



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Relação do aço

Negativos	Positivos	S1
V1	V2	V3
V4	V5	V6
V7	V8	

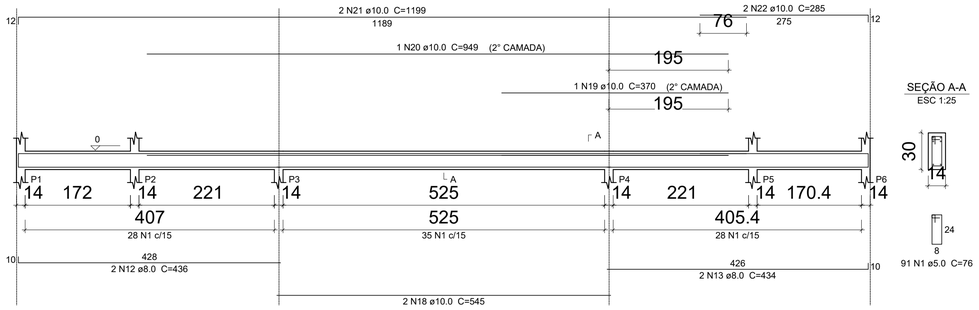
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	476	76	36176
	2	5.0	26	23	598
	3	5.0	28	78	2184
	4	5.0	8	358	2864
	5	5.0	146	67	9782
	6	5.0	8	235	1880
	7	5.0	8	539	4312
	8	5.0	34	547	18598
	9	5.0	66	394	26004
CA50	10	8.0	72	108	7776
	11	8.0	72	118	8496
	12	8.0	4	436	1744
	13	8.0	4	434	1736
	14	8.0	12	410	4920
	15	8.0	8	394	3152
	16	10.0	32	VAR	VAR
	17	10.0	36	VAR	VAR
	18	10.0	4	545	2180
	19	10.0	2	370	740
	20	10.0	2	949	1898
	21	10.0	4	1199	4796
	22	10.0	4	285	1140
	23	10.0	2	437	874
	24	10.0	2	461	922

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	278.3	120.8
	10.0	250.9	170.1
CA60	5.0	1024	173.6
PESO TOTAL			
CA50	290.9		
CA60	173.6		

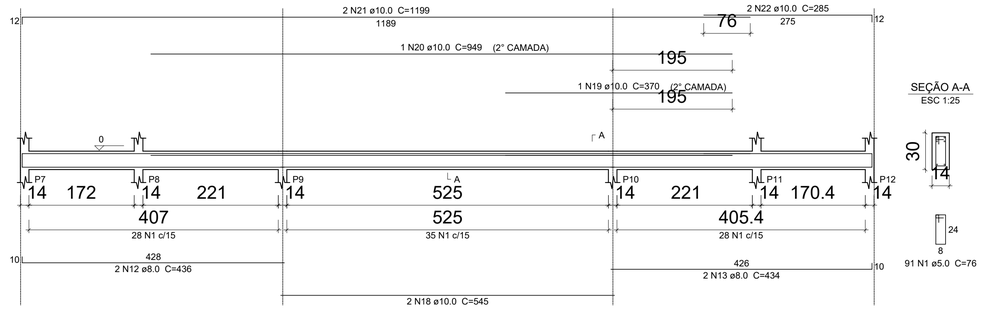
Vol. de concreto total (C-25) = 7.88 m³
Área de forma total = 92.25 m²

V1
ESC 1:50



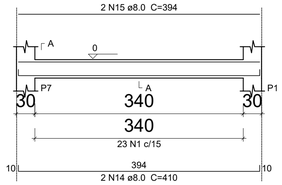
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50

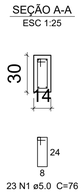


SEÇÃO A-A
ESC 1:25

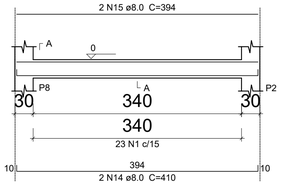
V3
ESC 1:50



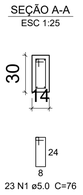
SEÇÃO A-A
ESC 1:25



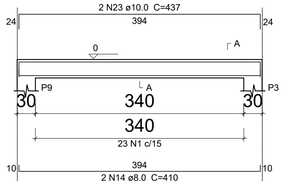
V4
ESC 1:50



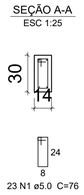
SEÇÃO A-A
ESC 1:25



V5
ESC 1:50



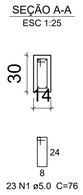
SEÇÃO A-A
ESC 1:25



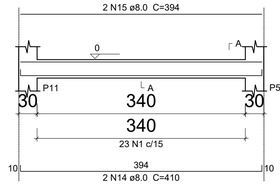
V6
ESC 1:50



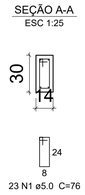
SEÇÃO A-A
ESC 1:25



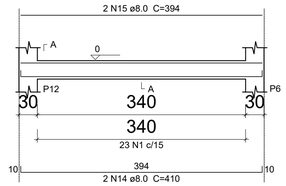
V7
ESC 1:50



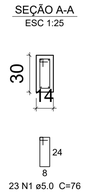
SEÇÃO A-A
ESC 1:25

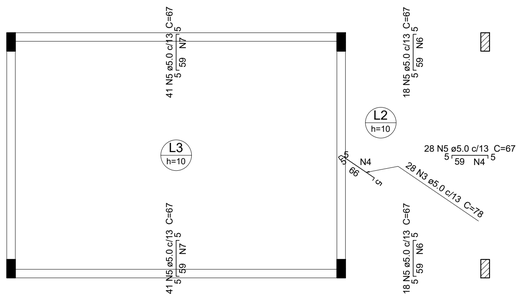


V8
ESC 1:50



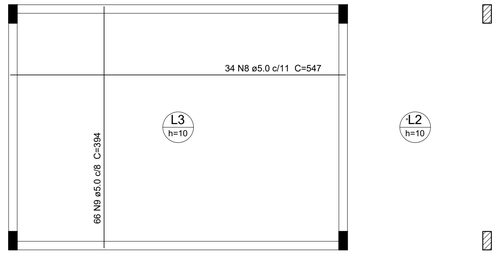
SEÇÃO A-A
ESC 1:25





Ferros de distribuição	
Ferro	Armadura de distribuição
N3	4 N4 ø5.0 c/15 C=358
N5	4 N6 ø5.0 c/15 C=235
N5	4 N4 ø5.0 c/15 C=358
N5	4 N6 ø5.0 c/15 C=235
N5	4 N7 ø5.0 c/15 C=539
N5	4 N7 ø5.0 c/15 C=539

ARMAÇÃO NEGATIVA LAJE BALDRAME
escala 1:50



ARMAÇÃO POSITIVA LAJE BALDRAME
escala 1:50

PREFEITURA MUNICIPAL DE GUAÇUÍ
ESTADO DO ESPÍRITO SANTO

PROJETO ESTRUTURAL

OBRA:
PROJETO DE REFORMA REQUALIFICAÇÃO URBANA
DA AV. AGENOR LUIZ THOMÉ

CONTEÚDO:
PISTA SKATE

LOCAL:
AV. AGENOR LUIZ THOMÉ - (BEIRA RIO) GUAÇUÍES

* DIMENSÕES DO DESENHO EM METRO
** ESCALA INDICADA EM PLANTAS

DATA:
JUNHO/26

MODIFICAÇÕES:

FOLHA:
14/18

ÁREAS:

ARQUIVO Nº:
ESTRUT-001

ASSINATURA:

PAULO VICTOR TEIXEIRA DEASCÂNIO
CREA-ES-050212/D