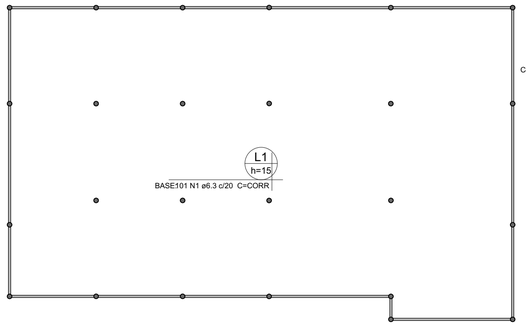
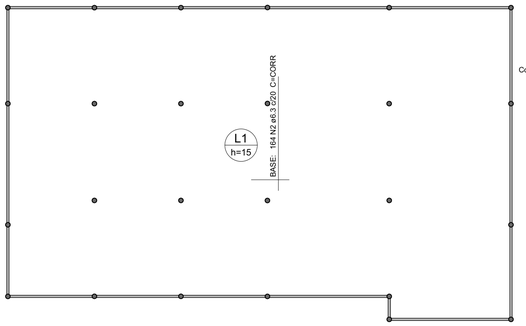
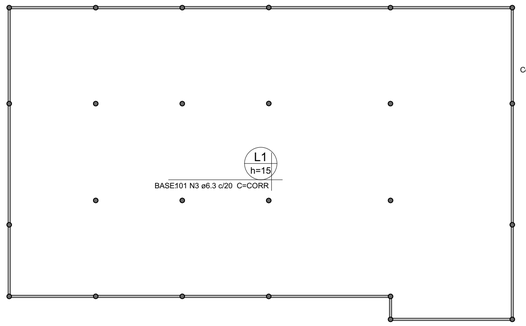


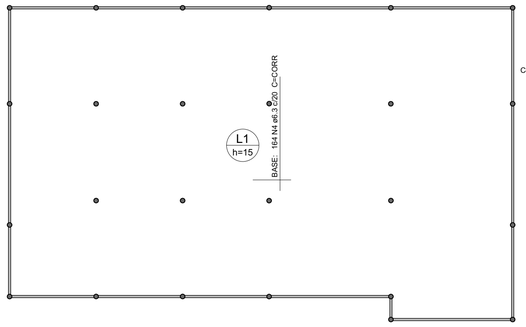
Armação superior do radier do pavimento BALDRAME (Eixo X)
escala 1:200



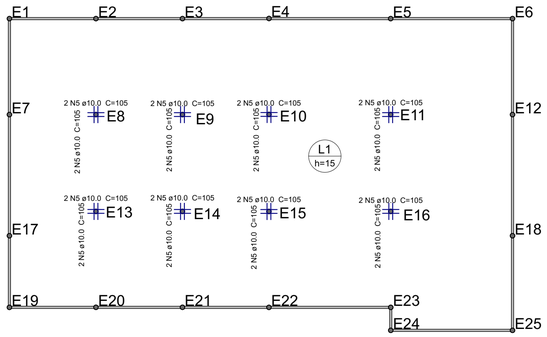
Armação superior do radier do pavimento BALDRAME (Eixo Y)
escala 1:200



Armação inferior do radier do pavimento BALDRAME (Eixo X)
escala 1:200



Armação inferior do radier do pavimento BALDRAME (Eixo Y)
escala 1:200



Detalhamento de punção e cisalhamento do radier do pavimento BALDRAME (Nível 0)
escala 1:200

Relação do aço

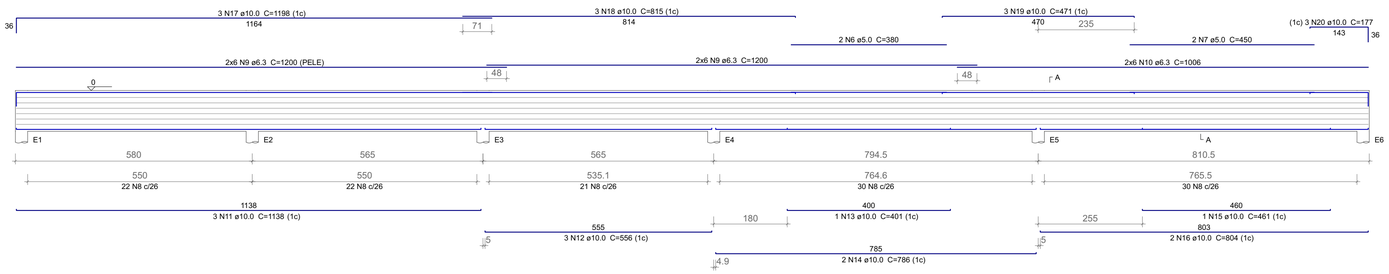
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
Negativos X	CA50	1	6.3	101	CORR	314413
Negativos Y	CA50	2	6.3	164	CORR	316848
Positivos X	CA50	3	6.3	101	CORR	314413
Positivos Y	CA50	4	6.3	164	CORR	316848
Punção	CA50	5	10.0	32	105	3360
V1	CA60	6	5.0	2	380	760
	CA60	7	5.0	2	450	900
	CA60	8	5.0	125	221	27625
	CA50	9	6.3	24	1200	28800
	CA50	10	6.3	12	1006	12072
	CA50	11	10.0	3	1138	3414
	CA50	12	10.0	3	556	1668
	CA50	13	10.0	1	401	401
	CA50	14	10.0	2	786	1572
	CA50	15	10.0	1	461	461
	CA50	16	10.0	2	804	1608
	CA50	17	10.0	3	1198	3594
	CA50	18	10.0	3	815	2445
	CA50	19	10.0	3	471	1413
	CA50	20	10.0	3	177	531
V2	CA60	21	5.0	2	385	770
	CA60	22	5.0	4	340	1360
	CA60	23	5.0	2	595	1190
	CA60	24	5.0	162	81	13122
	CA50	25	8.0	2	1140	2280
	CA50	26	8.0	2	557	1114
	CA50	27	8.0	2	805	1610
	CA50	28	8.0	2	107	214
	CA50	29	8.0	4	247	988
	CA50	30	8.0	2	257	514
	CA50	31	8.0	2	122	244
V3	CA60	32	5.0	2	640	1280
	CA60	33	5.0	51	81	4131
	CA50	34	8.0	2	822	1644
	CA50	35	8.0	2	127	254
	CA50	36	8.0	2	112	224
V4	CA60	37	5.0	30	81	2430
	CA50	38	8.0	2	495	990
	CA50	39	8.0	2	529	1058
V5	CA60	40	5.0	2	441	882
	CA60	41	5.0	53	221	11713
	CA50	42	6.3	12	1200	14400
	CA50	43	6.3	12	291	3492
	CA50	44	10.0	1	452	452
	CA50	45	10.0	2	799	1598
	CA50	46	10.0	3	635	1905
	CA50	47	10.0	3	197	591
	CA50	48	10.0	3	893	2679
V6	CA60	49	5.0	8	81	648
	CA50	50	8.0	2	177	354
	CA50	51	8.0	2	213	426
V7	CA60	52	5.0	2	448	896
	CA60	53	5.0	40	81	3240
	CA50	54	8.0	2	645	1290
	CA50	55	8.0	2	107	214
	CA50	56	8.0	2	147	294
V8	CA60	57	5.0	2	431	862
	CA60	58	5.0	53	221	11713
	CA50	59	6.3	12	1200	14400
	CA50	60	6.3	12	291	3492
	CA50	61	10.0	1	462	462
	CA50	62	10.0	2	799	1598
	CA50	63	10.0	3	635	1905
	CA50	64	10.0	3	197	591
	CA50	65	10.0	3	903	2709

Resumo do aço

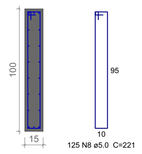
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	13391.8	1228	3604.7
	8.0	137.2	13	59.5
	10.0	349.6	33	237.1
CA60	5.0	835.3	-	141.6
PESO TOTAL (kg)				
CA50	3901.3			
CA60	141.6			

Volume de concreto (C-25) = 104.54 m³
Área de forma = 168.54 m²

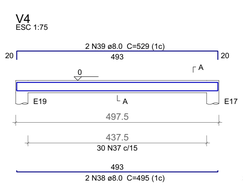
V1
ESC 1:75



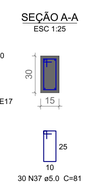
SEÇÃO A-A
ESC 1:25



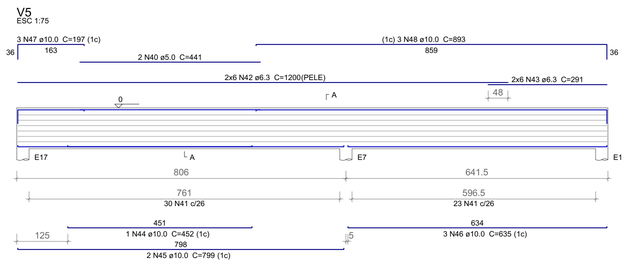
V4
ESC 1:75



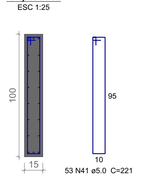
SEÇÃO A-A
ESC 1:25



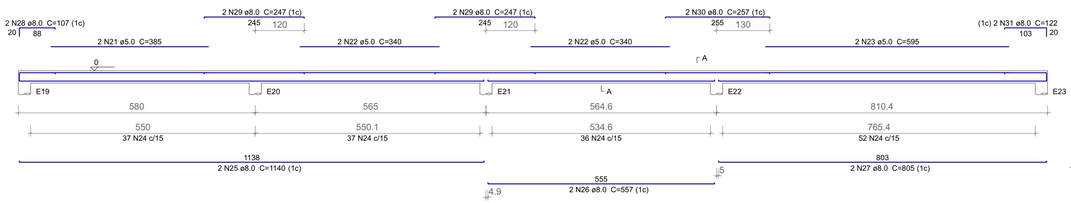
V5
ESC 1:75



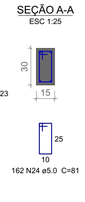
SEÇÃO A-A
ESC 1:25



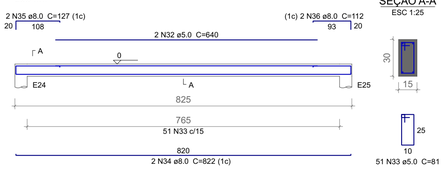
V2
ESC 1:75



SEÇÃO A-A
ESC 1:25

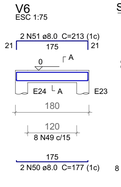


V3
ESC 1:75

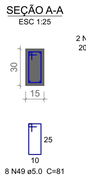


SEÇÃO A-A
ESC 1:25

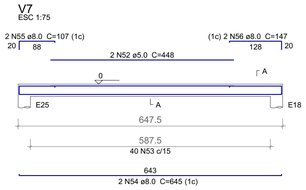
V6
ESC 1:75



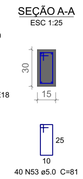
SEÇÃO A-A
ESC 1:25



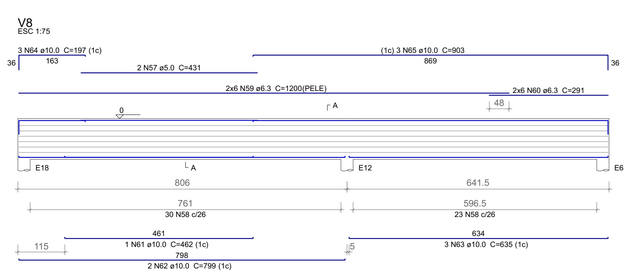
V7
ESC 1:75



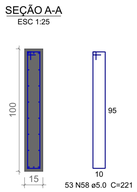
SEÇÃO A-A
ESC 1:25



V8
ESC 1:75



SEÇÃO A-A
ESC 1:25



TITULO:

PROJETO ESTRUTURAL DA
FUNDAÇÃO DA EMEIEF
FRANCISCO DA CUNHA RAMALDES

PREFEITURA DE
BAIXO GUANDU

PROPRIETÁRIO: Município de Baixo Guandu	CNPJ: 27.165.737/0001-10
RESP.TECNICO: YOSHITO DE SOUZA FUKUDA:07067083770 Assinado de forma digital por YOSHITO DE SOUZA FUKUDA:07067083770 Dados: 2023.01.23 21:34:37 -03'00' Yoshito Fukuda de Souza CREA: 51381/D	OBSERVAÇÃO:
PROJETO — DETALHES: PROJETO ESTRUTURAL	REFERÊNCIA: BALDRAME / DATA: Dezembro / 2022
AUTOR PROJETO: Thiago Mendes dos Santos CREA: 55173/D	ELEMENTO: / FOLHA: 2 / 2