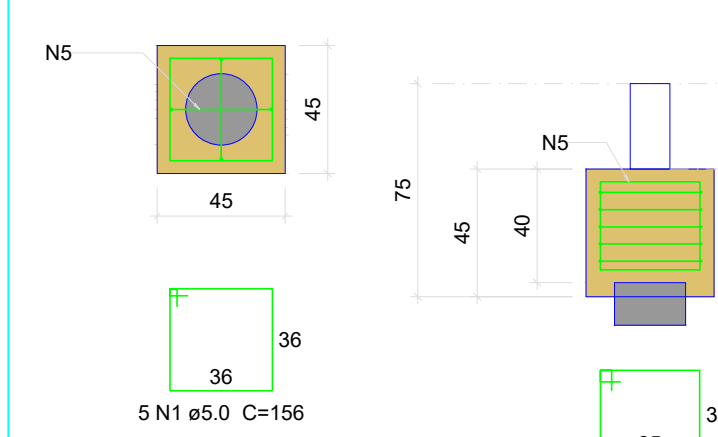


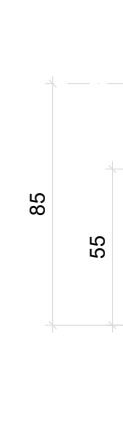
B1=B2=B3=B5=B6=B7=B9=B10=B11=B12=B13
1xR25
PLANTA
ESC 1:25



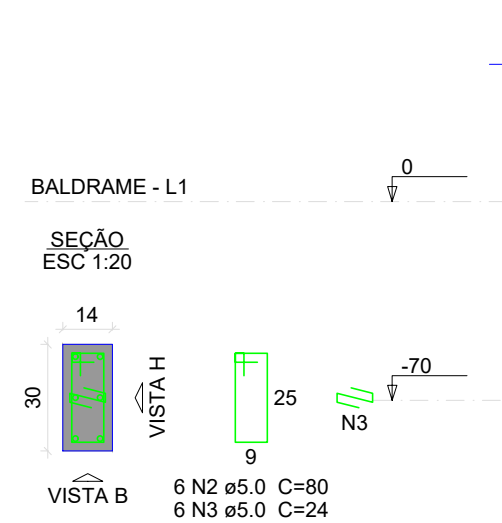
B4=B8
1xR25
PLANTA
ESC 1:25



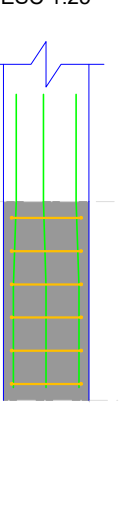
CORTE
ESC 1:25



P1



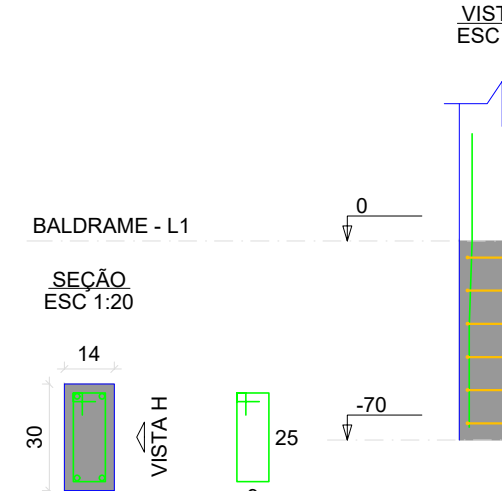
VISTA H
ESC 1:25



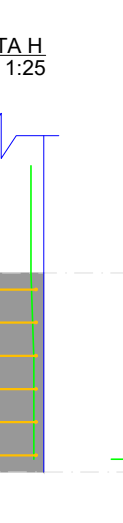
VISTA B
ESC 1:25



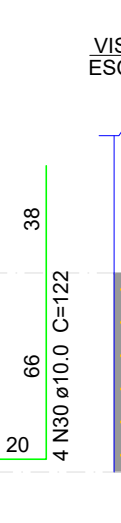
P2=P3=P5=P6=P7=P9=P10=P11=
=P12=P13



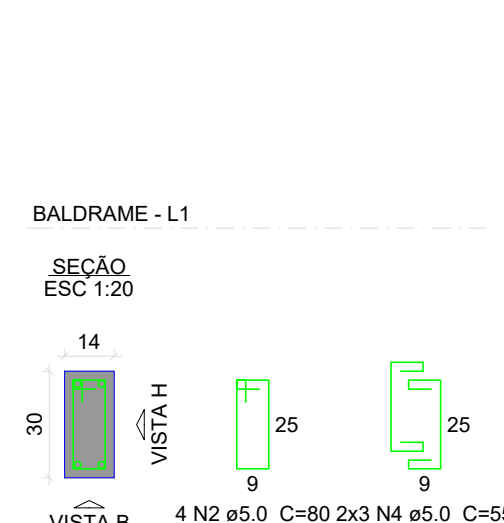
VISTA H
ESC 1:25



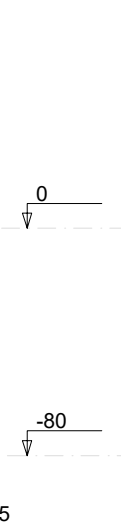
VISTA B
ESC 1:25



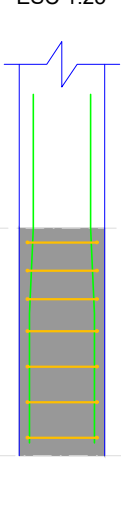
P4=P8



VISTA H
ESC 1:25



VISTA B
ESC 1:25



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	65	156	10140
	2	5.0	474	80	37920
	3	5.0	6	24	144
	4	5.0	12	55	660
CA50	5	8.0	22	144	3168
	6	8.0	4	164	656
	7	8.0	2	663	1326
	8	8.0	2	693	1386
	9	8.0	4	1097	4388
	10	8.0	2	238	476
	11	8.0	2	268	536
	12	8.0	4	667	2668
	13	8.0	2	239	478
	14	8.0	2	269	538
	15	8.0	1	175	175
	16	8.0	2	1122	2244
	17	8.0	4	242	968
	18	8.0	2	690	1380
	19	8.0	2	697	1394
	20	8.0	2	210	420
	21	8.0	2	217	434
	22	8.0	2	108	216
	23	8.0	2	138	276
	24	8.0	2	112	224
	25	8.0	2	134	268
	26	8.0	2	216	432
	27	8.0	2	246	492
	28	8.0	2	489	978
	29	8.0	2	519	1038
	30	10.0	46	122	5612
	31	10.0	2	1138	2276
	32	10.0	2	489	978
	33	12.5	8	140	1120
	34	12.5	2	511	1022

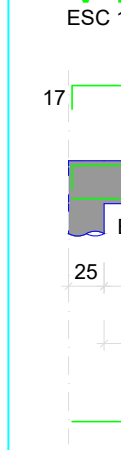
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	265.6	104.92
	10.0	292.70	115.62
	12.5	21.5	21.5
CA60	5.0	624.70	96.20

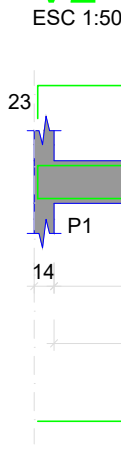
Volume de concreto (C-25) = 3.82 m³

Área de forma = 67.88 m²

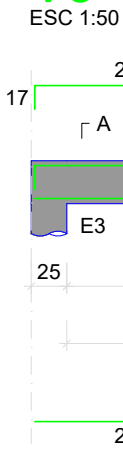
V1



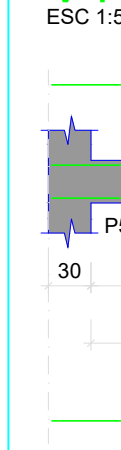
V2



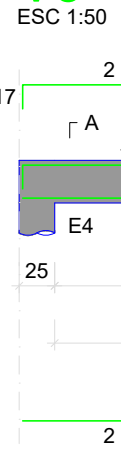
V3



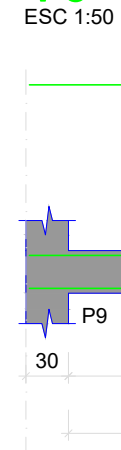
V4



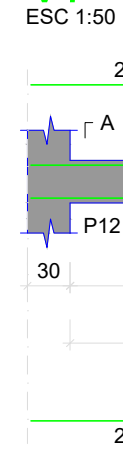
V5



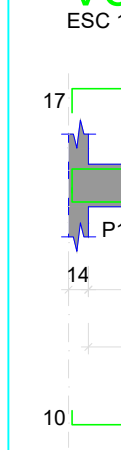
V6



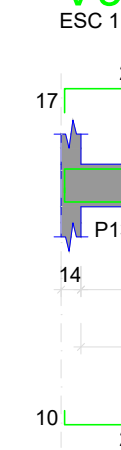
V7



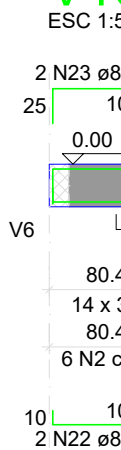
V8



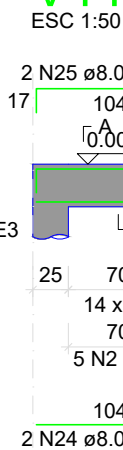
V9



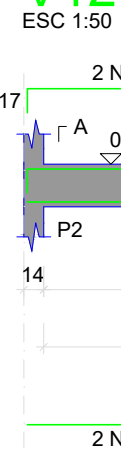
V10



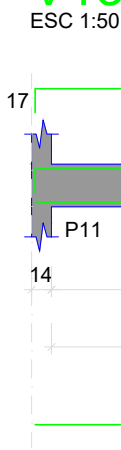
V11



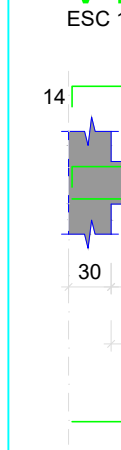
V12



V13



V14



PROJETO ESTRUTURAL

OBRA:	CMEI NOSSO LAR
ENDEREÇO:	Av. João Medeiros Q 154 L 01 a 18 Vila Recife Ubatirã PR
RESPONSÁVEL TÉCNICO:	ARQ. MONIKA A AMARO GALÃO - CAU/PR A18613-9
Conteúdo:	ESPERAS ESTACAS/BLOCOS VIGA BALDRAME
PAVIMENTO:	BALDRAME
PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE UBIRATÁ
DESENHO:	DATA: março 2024
FOLHA:	02 / 03