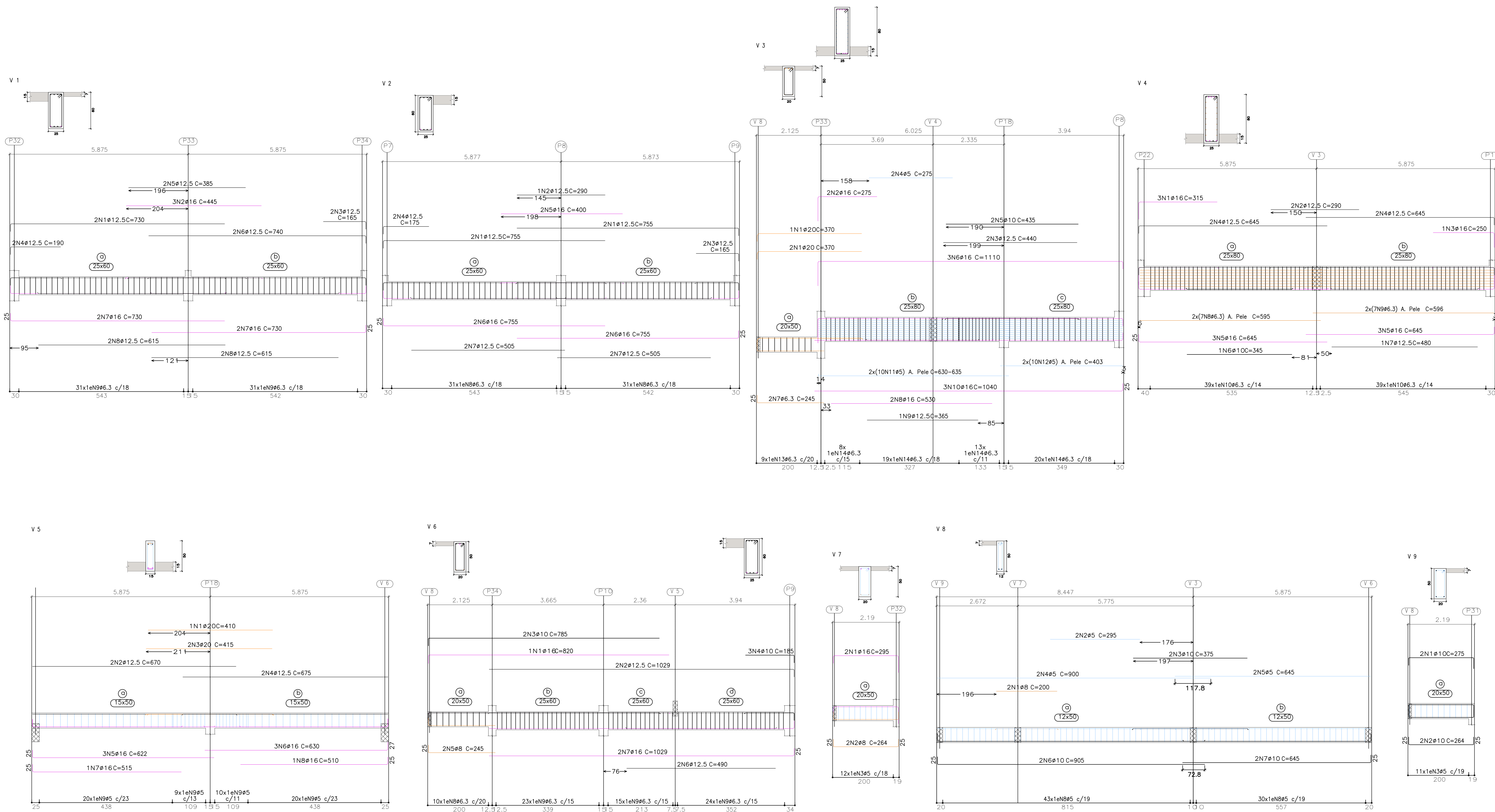
































N=777,50 (L. CX)
 Desenho de vigas
 Concreto: C25, con.destav.
 Aço dos barras: CA-50 e CA-60
 Aço dos estribos: CA-50 e CA-60
 Escala vigas 1:50
 Escala seções 1:25
 Escala aberturas 1:25




Elemento	Pos.	Diarr.	Esquema (cm)	Comp. tot. (cm)	CA-50-XA-60 (kg)	
V 1	1	$\varnothing 12,5$	$\frac{1}{2}$ 	100	1469 14,1	
	2	$\varnothing 16$	$\frac{1}{2}$ 	100	1469 14,1	
	3	$\varnothing 12,5$	$\frac{1}{2}$ 	165	330 3,2	
	4	$\varnothing 12,5$	$\frac{1}{2}$ 	190	380 3,7	
	5	$\varnothing 12,5$	$\frac{1}{2}$ 	385	770 7,4	
	6	$\varnothing 12,5$	$\frac{1}{2}$ 	750	1469 14,1	
	7	$\varnothing 16$	$\frac{1}{2}$ 	230	460 4,4	
	8	$\varnothing 12,5$	$\frac{1}{2}$ 	615	2460 23,7	
	9	$\varnothing 6,3$	62 	160	9920 24,3	
	Total=1082				173,7	
	V 2	1	$\varnothing 12,5$	$\frac{1}{2}$ 	755	3020 29,1
		2	$\varnothing 12,5$	$\frac{1}{2}$ 	290	590 2,8
		3	$\varnothing 12,5$	$\frac{1}{2}$ 	165	330 3,2
4		$\varnothing 12,5$	$\frac{1}{2}$ 	75	1469 14,1	
5		$\varnothing 16$	$\frac{1}{2}$ 	400	800 7,2	
6		$\varnothing 16$	$\frac{1}{2}$ 	755	3020 47,7	
7		$\varnothing 12,5$	$\frac{1}{2}$ 	505	2020 19,5	
8		$\varnothing 6,3$	62 	160	9920 24,3	
Total=1082				156,9		
V 3		1	$\varnothing 16$	$\frac{1}{2}$ 	370	1110 8,7
		2	$\varnothing 12,5$	$\frac{1}{2}$ 	270	550 5,4
		3	$\varnothing 12,5$	$\frac{1}{2}$ 	410	880 8,3
		4	$\varnothing 10$	$\frac{1}{2}$ 	275	550 5,0
	5	$\varnothing 12,5$	$\frac{1}{2}$ 	435	870 5,4	
	6	$\varnothing 16$	$\frac{1}{2}$ 	1110	3330 32,6	
	7	$\varnothing 6,3$	20 	35	450 1,2	
	8	$\varnothing 16$	$\frac{1}{2}$ 	530	1060 16,7	
	9	$\varnothing 12,5$	$\frac{1}{2}$ 	365	365 3,5	
	10	$\varnothing 16$	$\frac{1}{2}$ 	1040	3120 49,3	
	11	$\varnothing 6,3$	20 	100	1200 1,9	
	12	$\varnothing 6,3$	20 	403	8060 12,7	
	V 4	13	$\varnothing 6,3$	9 	130	1170 2,9
14		$\varnothing 6,3$	60	200	12000 29,4	
Total=1082				36,9		
V 5		1	$\varnothing 16$	$\frac{1}{2}$	515	945 14,9
		2	$\varnothing 12,5$	$\frac{1}{2}$	290	580 5,6
		3	$\varnothing 16$	$\frac{1}{2}$	25	50 0,5
		4	$\varnothing 12,5$	$\frac{1}{2}$	645	2590 24,9
		5	$\varnothing 16$	$\frac{1}{2}$	445	890 8,1
		6	$\varnothing 10$	$\frac{1}{2}$	345	345 2,1
		7	$\varnothing 12,5$	$\frac{1}{2}$	485	970 4,6
		8	$\varnothing 16$	$\frac{1}{2}$	595	8330 20,4
		9	$\varnothing 6,3$	14	596	8344 20,4
		10	$\varnothing 6,3$	78	200	15600 38,2
	Total=1082				215,7	
	V 6	1	$\varnothing 12,5$	$\frac{1}{2}$	410	410 10,1
		2	$\varnothing 20$	$\frac{1}{2}$	670	1340 12,9
3		$\varnothing 20$	$\frac{1}{2}$	415	830 20,5	
4		$\varnothing 12,5$	$\frac{1}{2}$	635	1310 13,0	
5		$\varnothing 16$	$\frac{1}{2}$	622	1866 29,5	
6		$\varnothing 16$	$\frac{1}{2}$	630	1890 29,8	
7		$\varnothing 16$	$\frac{1}{2}$	515	515 8,1	
8		$\varnothing 16$	$\frac{1}{2}$	510	510 8,1	
9		$\varnothing 5$	59	118	6962 10,9	
Total=1082				145,2		
V 7		1	$\varnothing 16$	$\frac{1}{2}$	820	820 12,9
		2	$\varnothing 12,5$	$\frac{1}{2}$	1020	2040 19,8
		3	$\varnothing 10$	$\frac{1}{2}$	155	1570 9,7
	4	$\varnothing 10$	$\frac{1}{2}$	185	550 3,4	
	5	$\varnothing 16$	$\frac{1}{2}$	245	490 1,9	
	6	$\varnothing 12,5$	$\frac{1}{2}$	590	590 9,4	
	7	$\varnothing 16$	$\frac{1}{2}$	1020	2040 32,5	
	8	$\varnothing 6,3$	10	130	1300 3,2	
	9	$\varnothing 6,3$	62	160	9920 24,3	
	Total=1082				128,8	
	V 8	1	$\varnothing 10$	$\frac{1}{2}$	295	590 9,3
		2	$\varnothing 8$	$\frac{1}{2}$	244	528 2,1
		3	$\varnothing 5$	12	128	1536 2,4
Total=1082				12,5		
V 9		1	$\varnothing 10$	$\frac{1}{2}$	200	400 1,6
		2	$\varnothing 5$	20	295	590 0,9
		3	$\varnothing 8$	$\frac{1}{2}$	375	750 2,8
		4	$\varnothing 5$	20	900	1800 2,8
		5	$\varnothing 5$	20	645	1290 2,0
		6	$\varnothing 10$	$\frac{1}{2}$	905	1810 11,2
		7	$\varnothing 10$	$\frac{1}{2}$	645	1290 7,9
		8	$\varnothing 5$	73	112	8176 12,8
		Total=1082				27,8
	V 9	1	$\varnothing 10$	$\frac{1}{2}$	214	428 5,3
		2	$\varnothing 10$	$\frac{1}{2}$	214	428 5,3
		3	$\varnothing 5$	15	128	1408 2,2
		Total=1082				7,4
V 10		1	$\varnothing 10$	$\frac{1}{2}$	270	540 7,4
		2	$\varnothing 5$	20	63	126 0,5
		3	$\varnothing 5$	20	63	126 0,5
		4	$\varnothing 5$	20	63	126 0,5
		5	$\varnothing 5$	20	63	126 0,5
		6	$\varnothing 5$	20	63	126 0,5
		7	$\varnothing 5$	20	63	126 0,5
		8	$\varnothing 5$	20	63	126 0,5
		9	$\varnothing 5$	20	63	126 0,5
	10	$\varnothing 5$	20	63	126 0,5	
	11	$\varnothing 5$	20	63	126 0,5	
	12	$\varnothing 5$	20	63	126 0,5	
	13	$\varnothing 5$	20	63	126 0,5	

Resumo Aço	Comp. total	Peso+10%	
Desenho de vigas	(m)	(kg)	Total
CA-50	769.9	207	
Ø6.3	14.2	6	
Ø8	82.7	56	
Ø10	235.0	249	
Ø12.5	294.5	511	
Ø16	23.5	64	109.
Ø20	430.7	74	74
CA-60			
Total			116

NOTAS

REV.	DATA	DESCRIÇÃO
00	21/07/2023	EMISSÃO INICIAL
01	23/07/2023	INVERSÃO DAS VIGAS

SECRETARIA MUNICIPAL DE OBRAS DEPARTAMENTO DE ENGENHARIA E ARQUITETURA		
SECRETÁRIO DE OBRAS	BRUNO MÁRCIO MOREIRA ALMEIDA	
RESPONSÁVEL TÉCNICO	ANDRÉ DA SILVA MACHADO	112452/D
PROJETISTA	ANDRÉ DA SILVA MACHADO	

 <div style="text-align: center;"> PREFEITURA MUNICIPAL DE SANTA LUZIA ADM. LUIZ SÉRGIO FERREIRA COSTA </div>				
NUMERO	DISCIPLINA	ETAPA	DATA	
000	ESTRUTURAS	PROJETO BÁSICO	23/07/2023	
CONTEUDO DA PRANCHA	NOME DO PROJETO		FOLHA	
PROJETO COMPLEMENTAR DE ESTRUTURA DE CONCRETO			0506	
UBS VIRGENS DOS POBRES VIGAS N=777.50			REVISÃO	01

DIREITOS RESERVADOS (LEI FEDERAL 9.610 DE 19/12/1998).
A REPRODUÇÃO OU EXECUÇÃO TOTAL OU PARCIAL DESTES PROJETO, SEM PRÉVIA AUTORIZAÇÃO, SUJEITA O RESPONSÁVEL ÀS MEDIDAS LEGAIS CABÍVEIS.