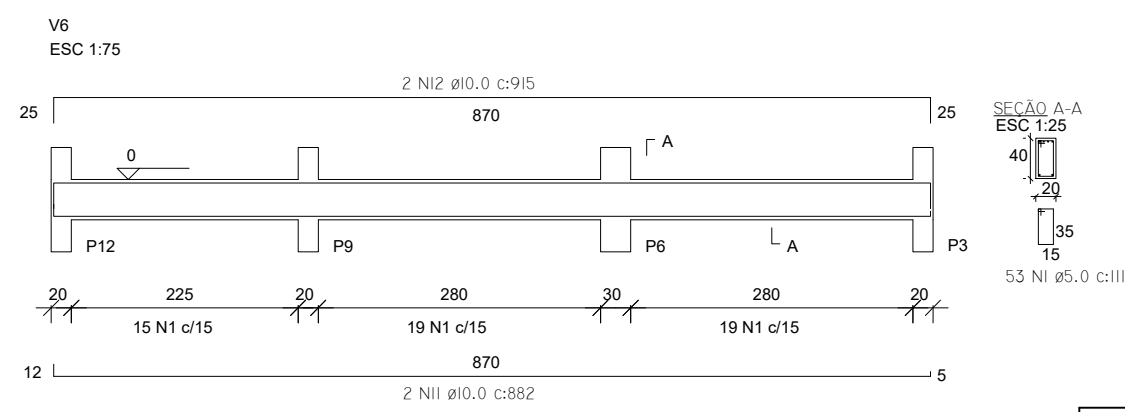
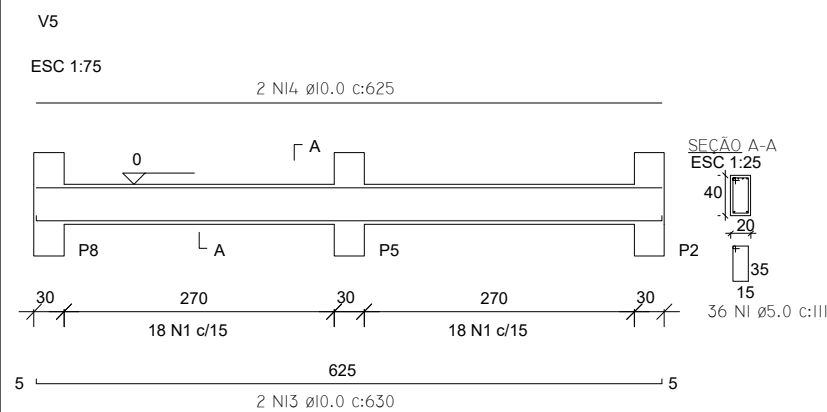
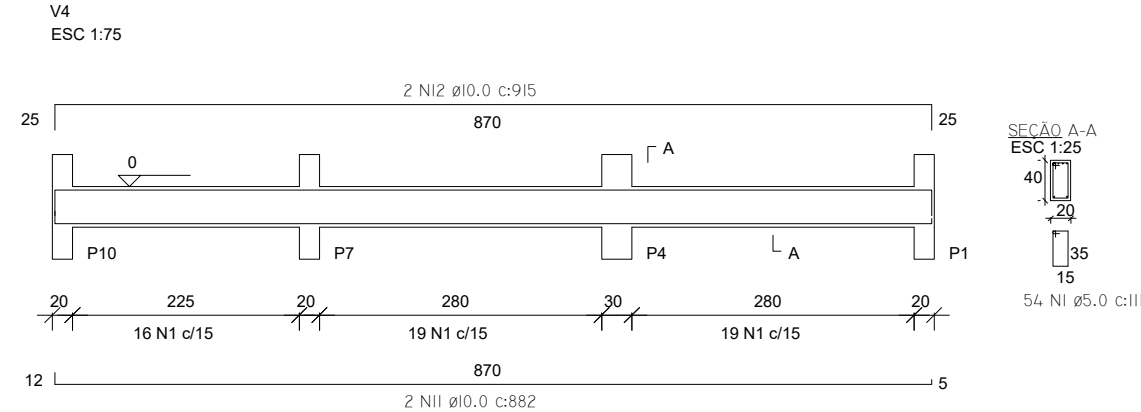
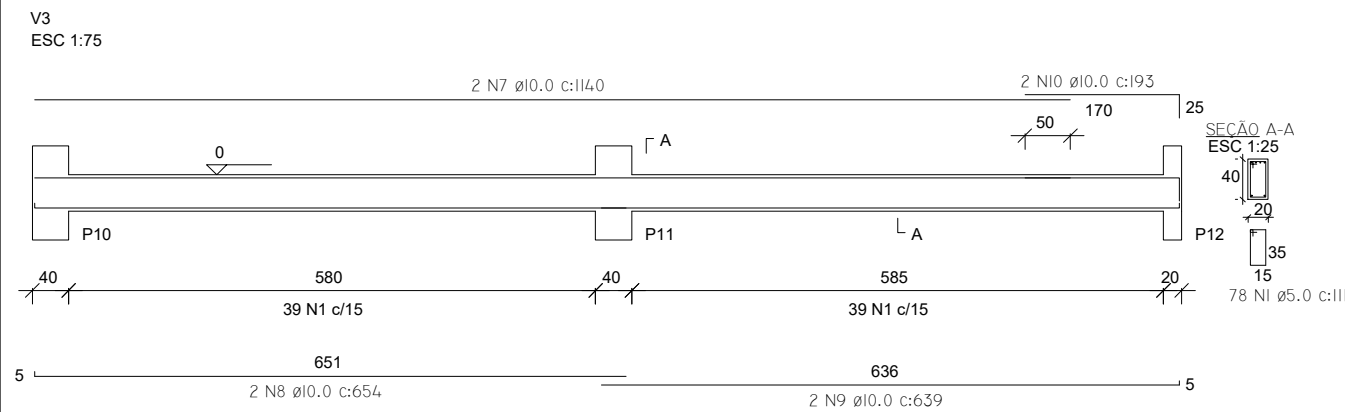
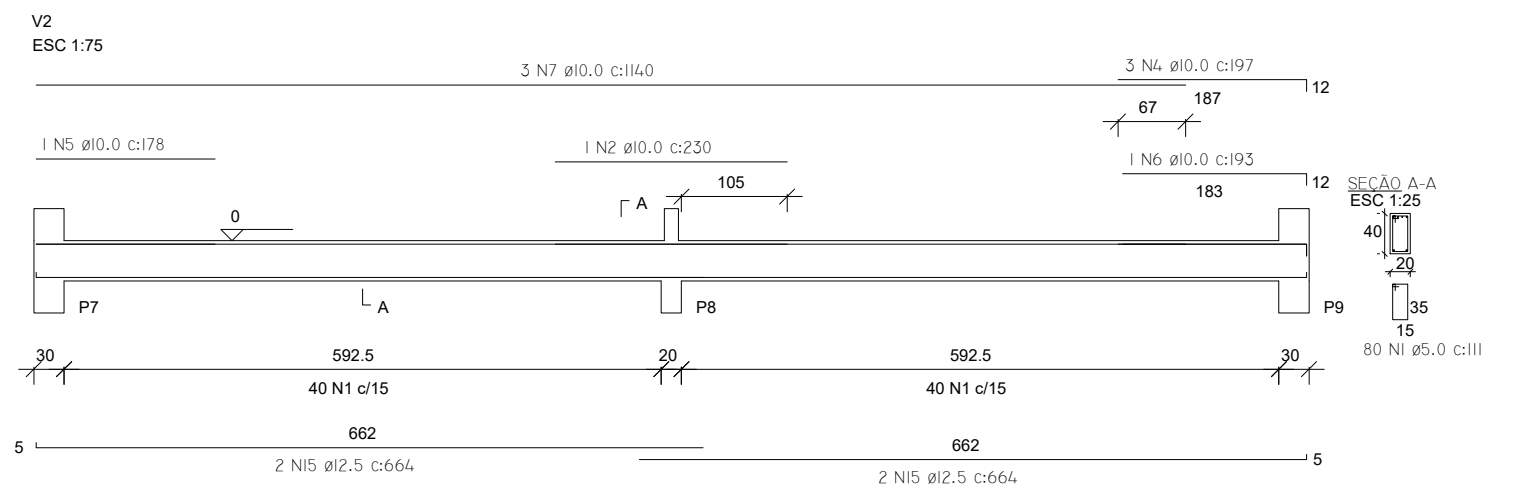
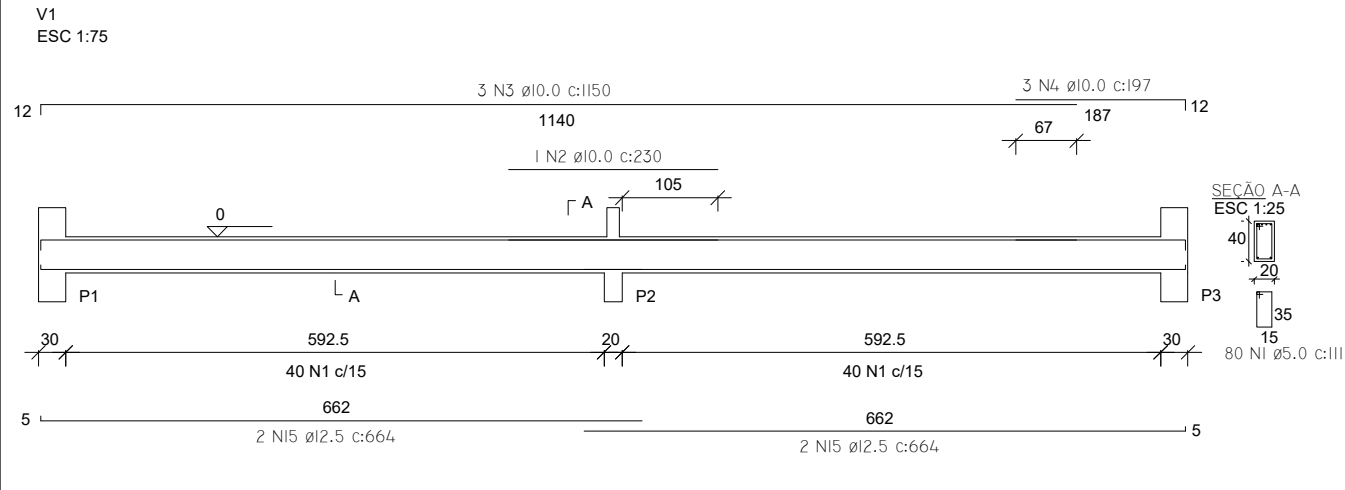




RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	381	111	42291
CA50	2	10.0	2	230	460
	3	10.0	3	1150	3450
	4	10.0	6	197	1182
	5	10.0	1	178	178
	6	10.0	1	193	193
	7	10.0	5	1140	5700
	8	10.0	2	654	1308
	9	10.0	2	639	1278
	10	10.0	2	193	386
	11	10.0	4	882	3528
	12	10.0	4	915	3660
	13	10.0	2	630	1260
	14	10.0	2	625	1250
	15	12.5	8	664	5312

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	QUANT. (Barras)	PESO + 0% (kg)
CA50	10.0	238.3	20	146.9
CA60	12.5	53.1	5	51.2
CA60	5.0	422.9	-	65.2
PESO TOTAL (kg)		Volume de concreto (C-30) = 4.91 m3		
CA50	198.1	Area de forma = 61.35 m2		
CA60	65.2			

PREFEITURA MUNICIPAL DE ANTA GORDA

Obra: SALAS NA ESCOLA MUNICIPAL AUGUSTO MEYER - LINHA QUARTA

proprietário
FRANCISCO DAVID FRIGHETTO
Prefeito Municipal

responsável técnico
projeto
JONAS GERHARD HAAS
Eng. Civil CREA RS 225465

prancha
06

ESTRUTURAL - VIGAS

área
110,69M²

data
19/11/2024

escala
INDICADA