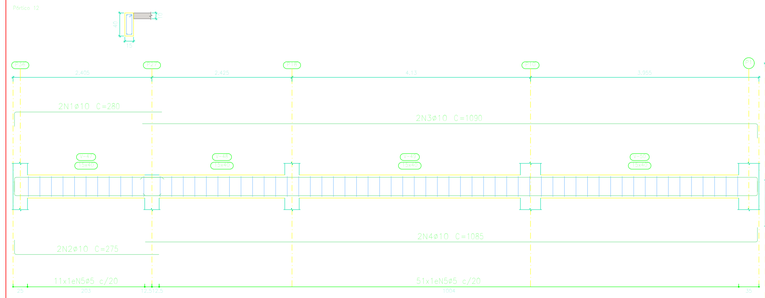
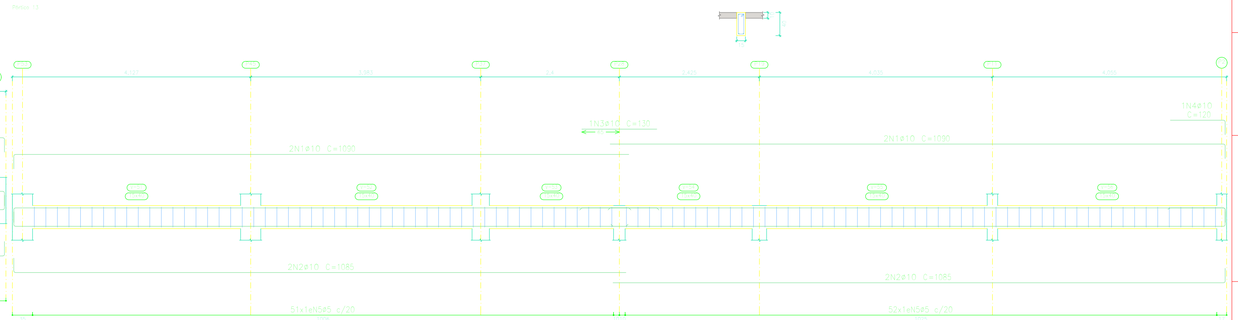
Térreo
Desenho de vigas
Concreto: C25, em geral
Aço das barras: CA-50
Aço dos estribos: CA-50
Escala vigas 1:50
Escala seções 1:50
Escala aberturas 1:50

Pórtico 12

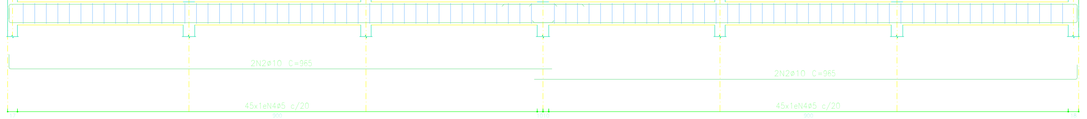


Pórtico 13

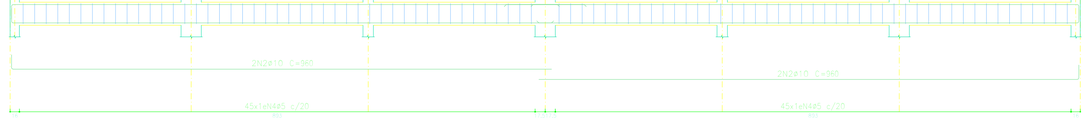


Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)
Pórtico 9	1	ø10	4	970	970	3880	23,9
	2	ø10	4	965	965	3860	23,8
	3	ø10	1	135	135	135	0,8
	4	ø5	90	98	98	8820	13,8
						Total+10%:	68,5
Pórtico 11	1	ø10	4	970	970	3880	23,9
	2	ø10	4	960	960	3840	23,7
	3	ø10	1	135	135	135	0,8
	4	ø5	90	98	98	8820	13,8
						Total+10%:	68,4
Pórtico 12	1	ø10	2	280	280	560	3,5
	2	ø10	2	275	275	550	3,4
	3	ø10	2	1090	1090	2180	13,4
	4	ø10	2	1085	1085	2170	13,4
	5	ø5	62	98	98	6076	9,5
						Total+10%:	47,5
Pórtico 13	1	ø10	4	1090	1090	4360	26,9
	2	ø10	1	1085	1085	4340	26,7
	3	ø10	1	130	130	130	0,8
	4	ø10	1	120	120	120	0,7
	5	ø5	103	98	98	10094	15,8
						Total+10%:	78,0
Pórtico 14	1	ø10	2	1095	1095	2190	13,5
	2	ø10	4	1090	1090	4360	26,9
	3	ø10	2	1085	1085	2170	13,4
	4	ø10	1	120	120	120	0,7
	5	ø10	1	120	120	120	0,7
	6	ø10	1	195	195	195	1,2
	7	ø10	1	145	145	145	0,9
	8	ø5	103	98	98	10094	15,8
						Total+10%:	80,4
Pórtico 15	1	ø10	5	1090	1090	5450	33,6
	2	ø10	4	1085	1085	4340	26,7
	3	ø5	102	98	98	9996	15,7
						Total+10%:	91,0
						ø5:	52,9
						ø10:	341,0
						Total:	433,8

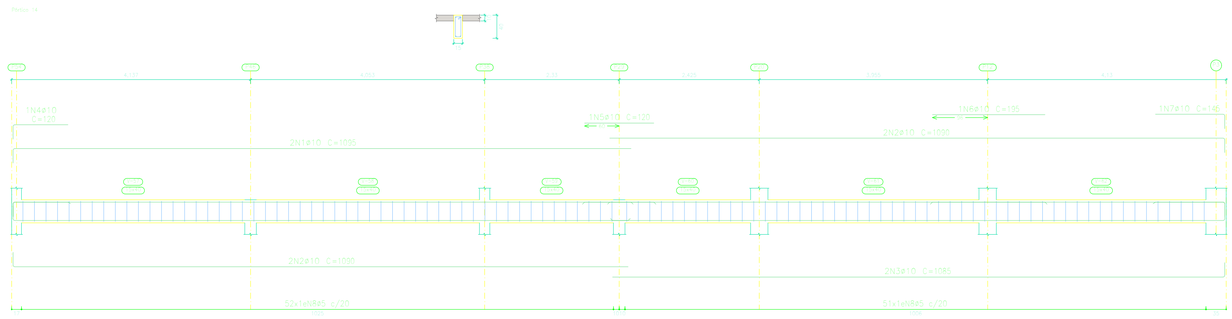
Pórtico 9



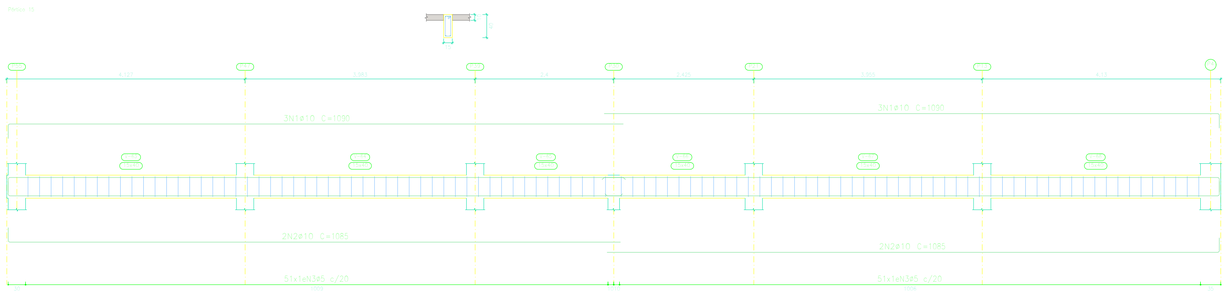
Pórtico 11



Pórtico 14



Pórtico 15



Projeto: Escola 5 Salas 1	Data: 01/10/2023
Local: Bagre/PA	
Nome: ESCOLA PADRÃO 5 SALAS	
Des.no.:	Planta: VIGAS TÉRREO DET. VIGAS PAV. TÉRREO
Autor: TIAGO SANTOS DE LIMA CREA PA 1520412606	