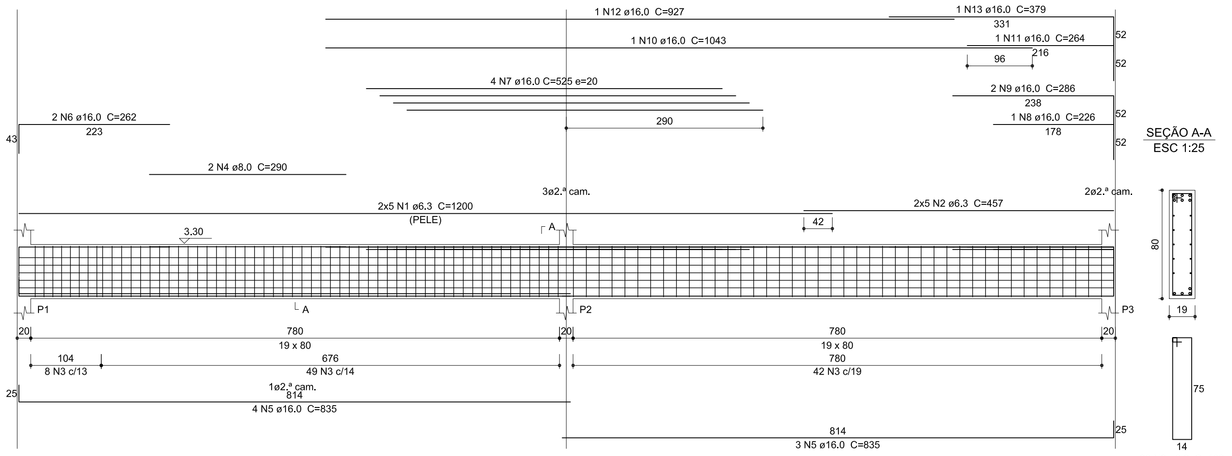
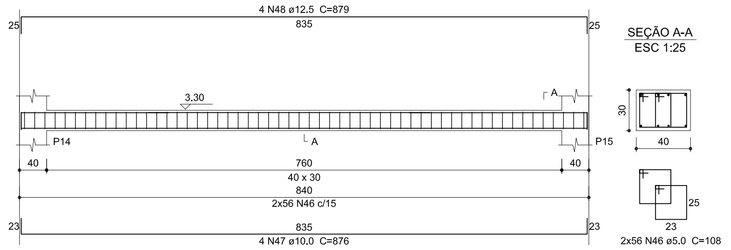
V201 (19 x 80)

1:50



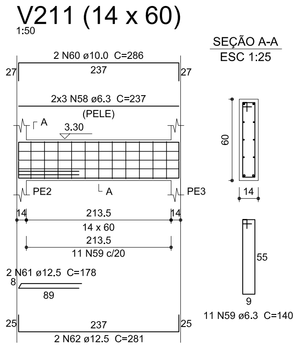
V205 (40 x 30)

1:50



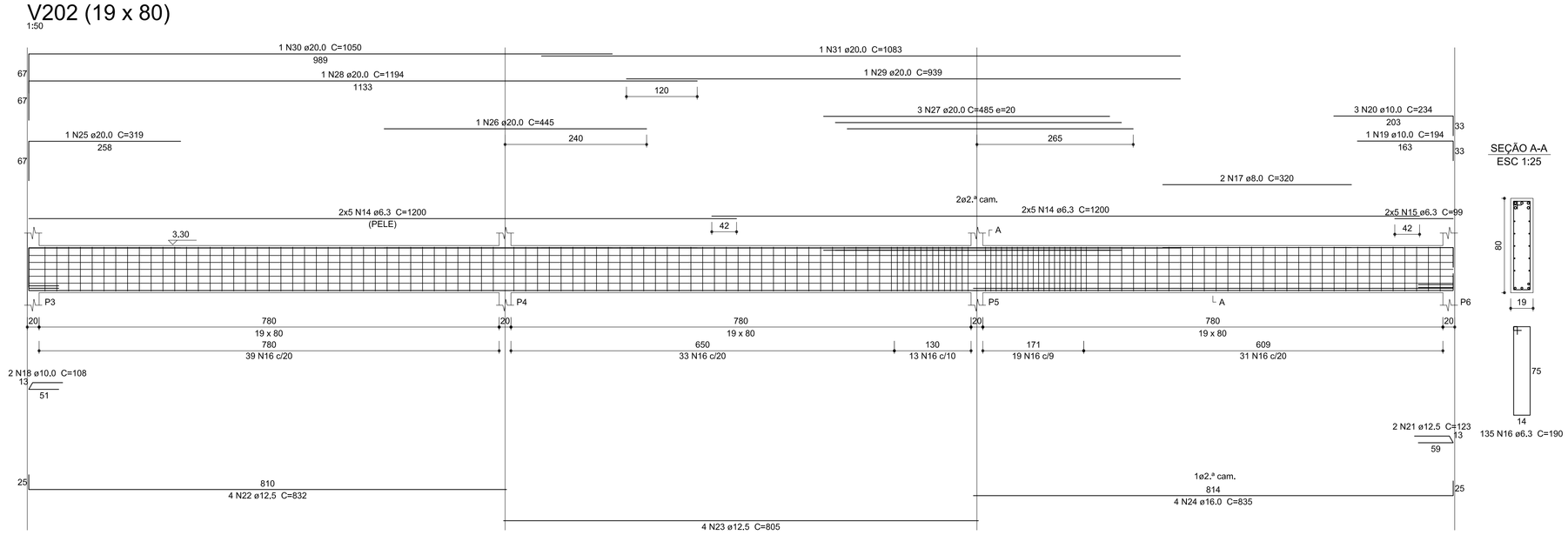
V211 (14 x 60)

1:50



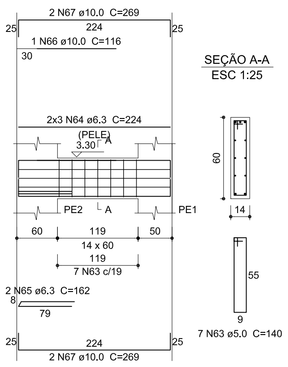
V202 (19 x 80)

1:50



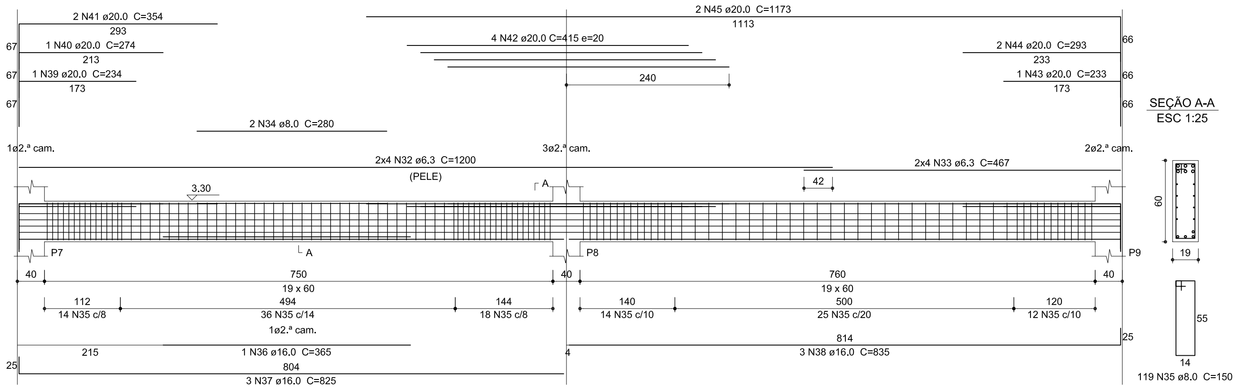
V215 (14 x 60)

1:50



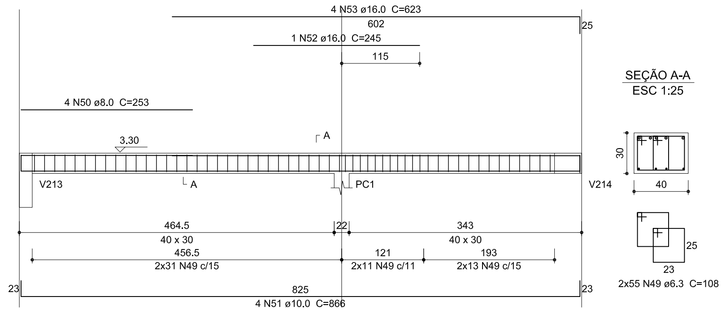
V203 (19 x 60)

1:50



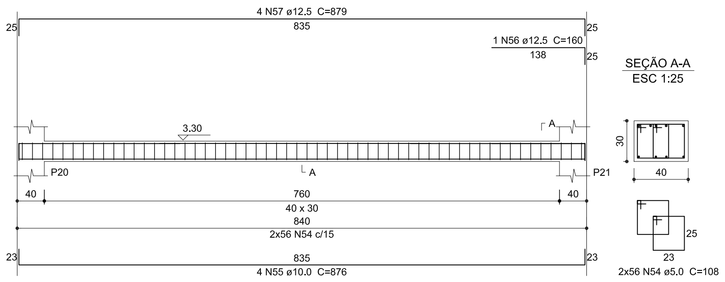
V207 (40 x 30)

1:50



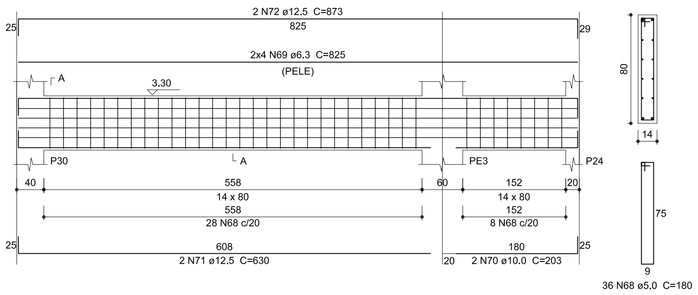
V208 (40 x 30)

1:50



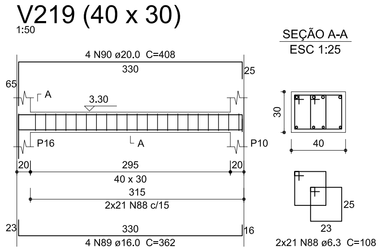
V216 (14 x 80)

1:50



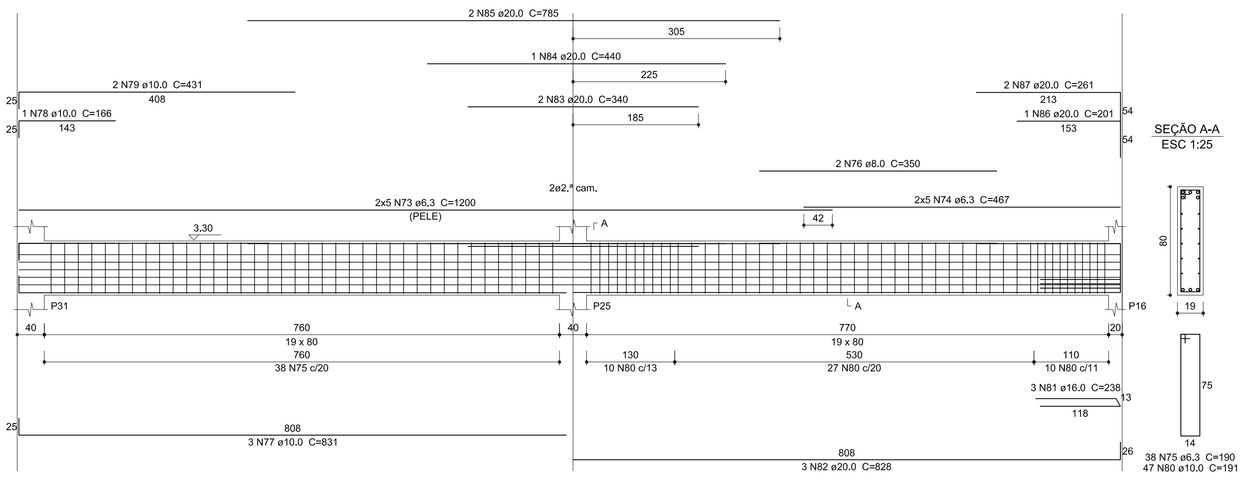
V219 (40 x 30)

1:50



V218 (19 x 80)

1:50



Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V201	CA50	1	6.3	10	1200	12000
	CA50	2	6.3	10	457	4570
	CA50	3	6.3	99	190	18810
	CA50	4	8.0	2	290	580
	CA50	5	16.0	7	835	5845
	CA50	6	16.0	2	262	524
	CA50	7	16.0	4	525	2100
	CA50	8	16.0	1	226	226
	CA50	9	16.0	2	286	572
	CA50	10	16.0	1	1043	1043
	CA50	11	16.0	1	264	264
	CA50	12	16.0	1	927	927
	CA50	13	16.0	1	379	379
V202	CA50	14	6.3	20	1200	24000
	CA50	15	6.3	10	99	990
	CA50	16	6.3	135	190	25650
	CA50	17	8.0	2	320	640
	CA50	18	10.0	2	108	216
	CA50	19	10.0	1	194	194
	CA50	20	10.0	3	234	702
	CA50	21	12.5	2	123	246
	CA50	22	12.5	4	832	3328
	CA50	23	12.5	4	805	3220
	CA50	24	16.0	4	835	3340
	CA50	25	20.0	1	319	319
	CA50	26	20.0	1	445	445
	CA50	27	20.0	3	485	1455
	CA50	28	20.0	1	1194	1194
	CA50	29	20.0	1	939	939
	CA50	30	20.0	1	1050	1050
	CA50	31	20.0	1	1083	1083
V203	CA50	32	6.3	8	1200	9600
	CA50	33	6.3	8	467	3736
	CA50	34	8.0	2	280	560
	CA50	35	8.0	119	150	17850
	CA50	36	16.0	1	365	365
	CA50	37	16.0	3	825	2475
	CA50	38	16.0	3	835	2505
	CA50	39	20.0	1	234	234
	CA50	40	20.0	1	274	274
	CA50	41	20.0	2	354	708
	CA50	42	20.0	4	415	1660
	CA50	43	20.0	1	233	233
	CA50	44	20.0	2	293	586
	CA50	45	20.0	2	1173	2346
V205	CA60	46	5.0	112	108	12096
	CA50	47	10.0	4	876	3504
	CA50	48	12.5	4	879	3516
V207	CA50	49	6.3	110	108	11880
	CA50	50	8.0	4	253	1012
	CA50	51	10.0	4	866	3464
	CA50	52	16.0	1	245	245
	CA50	53	16.0	4	623	2492
V208	CA60	54	5.0	112	108	12096
	CA50	55	10.0	4	876	3504
	CA50	56	12.5	1	160	160
	CA50	57	12.5	4	879	3516
V211	CA50	58	6.3	6	237	1422
	CA50	59	6.3	11	140	1540
	CA50	60	10.0	2	286	572
	CA50	61	12.5	2	178	356
	CA50	62	12.5	2	281	562
V215	CA60	63	5.0	7	140	980
	CA50	64	6.3	6	224	1344
	CA50	65	6.3	2	162	324
	CA50	66	10.0	1	116	116
	CA50	67	10.0	4	269	1076
V216	CA60	68	5.0	36	180	6480
	CA50	69	6.3	8	825	6600
	CA50	70	10.0	2	203	406
	CA50	71	12.5	2	630	1260
	CA50	72	12.5	2	873	1746
V218	CA50	73	6.3	10	1200	12000
	CA50	74	6.3	10	467	4670
	CA50	75	6.3	38	190	7220
	CA50	76	8.0	2	350	700
	CA50	77	10.0	3	831	2493
	CA50	78	10.0	1	166	166
	CA50	79	10.0	2	431	862
	CA50	80	10.0	47	191	8977
	CA50	81	16.0	3	238	714
	CA50	82	20.0	3	828	2484
	CA50	83	20.0	2	340	680
	CA50	84	20.0	1	440	440
	CA50	85	20.0	2	785	1570
	CA50	86	20.0	1	201	201
	CA50	87	20.0	2	261	522
V219	CA50	88	6.3	42	108	4536
	CA50	89	16.0	4	362	1448
	CA50	90	20.0	4	408	1632

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	1962	491
	8.0	278	111
	10.0	341	215
	12.5	233	233
	16.0	331	530
	20.0	261	653
CA60	5.0	412	66

PESO TOTAL

CA50	2233
CA60	66

REVISÕES	DESCRIÇÃO	DATA	RUBRICA
0	EMISSÃO INICIAL	00/00/2009	NOME

UIE — UNIDADE DE IMPLANTAÇÃO DE ESCOLAS — DEPARTAMENTO DE OBRAS

CENTRO PAULA SOUZA — GOVERNO DE SÃO PAULO

OBRA
CAMPUS CEETEPS EM CRAVINHOS

UNIDADE
ETEC CRAVINHOS

LOCAL / MUNICÍPIO
RUA MARIA CONCEIÇÃO GOUVÊA SIMÕES, S/Nº - CRAVINHOS/SP

ÁREA TÉCNICA
ESTRUTURAL

ESCALA
INDICADAS

FOLHA Nº
EST-016/024

TÍTULO
PROJETO BÁSICO
BLOCO ADMINISTRATIVO E PEDAGÓGICO
ARMAÇÃO DAS VIGAS DO PAV. SUPERIOR - 1 / 3
CONSTRUÇÃO

DESENHO	PROJETO	COORDENAÇÃO
UIE	UIE	UIE

OBSERVAÇÃO	DATA	REVISÃO
CONFERIR MEDIDAS NO LOCAL	OUT/2017	R0

FL. 90 x 80