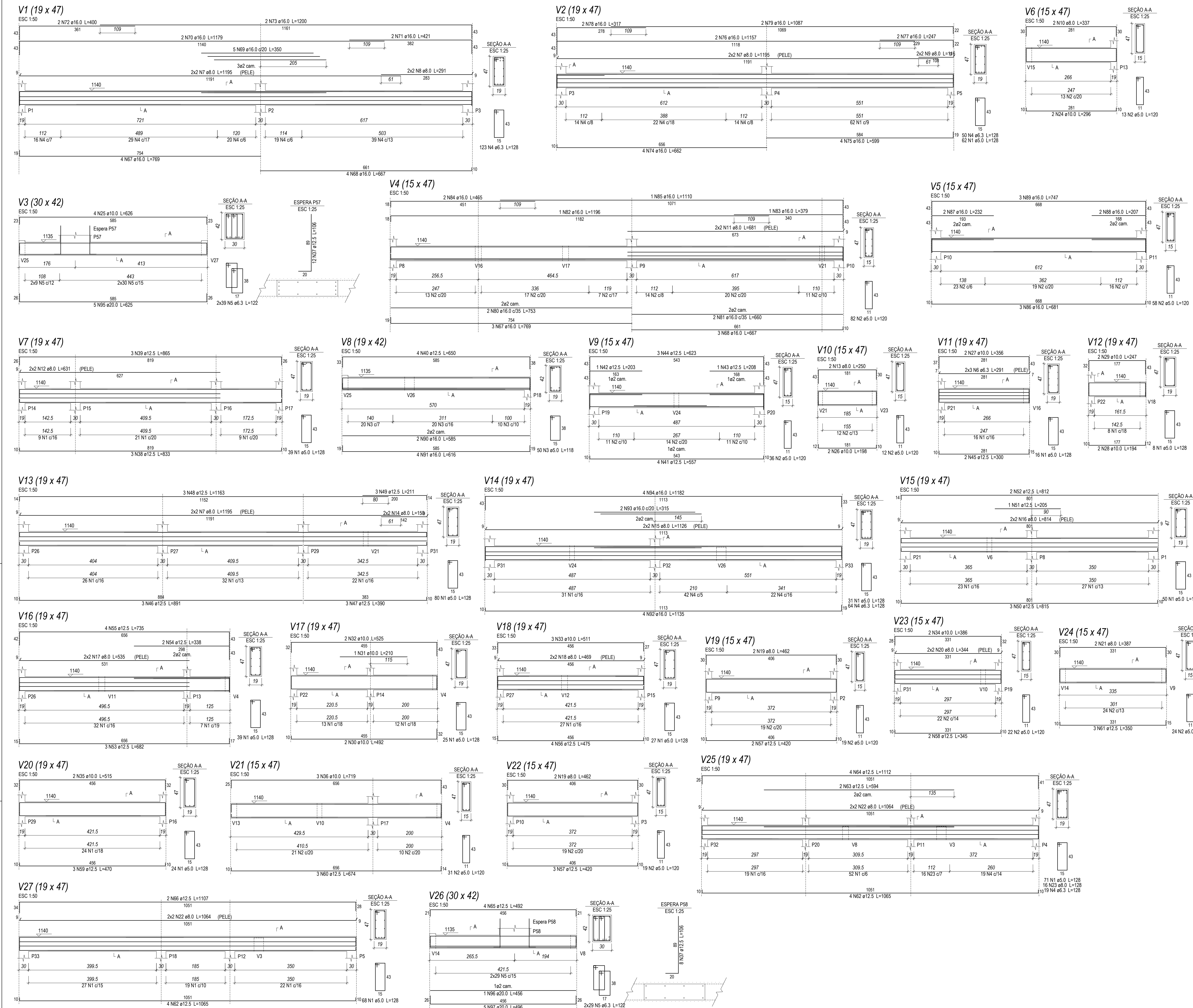
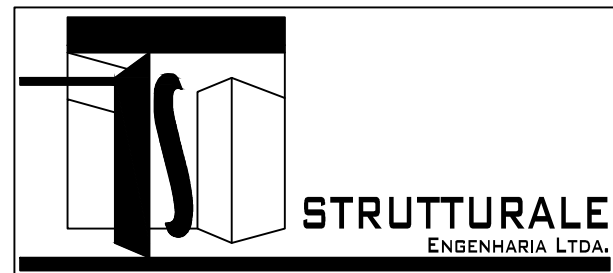




Relação do aço					
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	540	128	69120
	2	5.0	316	120	37920
CA50	3	5.0	80	118	9500
	4	6.3	256	128	32768
	5	6.3	136	122	16592
	6	6.3	6	291	1746
	7	8.0	12	1195	14340
	8	8.0	4	291	1164
	9	8.0	4	116	464
	10	8.0	2	337	674
	11	8.0	4	681	2724
	12	8.0	4	631	2524
	13	8.0	2	250	500
	14	8.0	4	150	600
	15	8.0	4	1126	4504
	16	8.0	4	814	3256
	17	8.0	4	535	2140
	18	8.0	4	469	1876
	19	8.0	4	462	1848
	20	8.0	4	344	1376
	21	8.0	2	387	774
	22	8.0	8	1064	8512
	23	8.0	16	128	2048
	24	10.0	2	296	592
	25	10.0	4	626	2504
	26	10.0	2	198	396
	27	10.0	2	366	732
	28	10.0	2	194	388
	29	10.0	2	247	494
	30	10.0	2	492	984
	31	10.0	1	210	210
	32	10.0	2	525	1050
	33	10.0	3	511	1533
	34	10.0	2	386	772
	35	10.0	2	515	1030
	36	10.0	3	719	2157
	37	12.5	20	106	2120
	38	12.5	3	833	2499
	39	12.5	3	865	2595
	40	12.5	4	650	2600
	41	12.5	4	557	2228
	42	12.5	1	203	203
	43	12.5	1	208	208
	44	12.5	3	623	1869
	45	12.5	2	300	600
	46	12.5	3	891	2673
	47	12.5	3	380	1170
	48	12.5	3	1163	3489
	49	12.5	3	211	633
	50	12.5	3	815	2445
	51	12.5	1	205	205
	52	12.5	2	812	1624
	53	12.5	3	682	2046
	54	12.5	3	338	1014
	55	12.5	4	735	2940
	56	12.5	4	475	1900
	57	12.5	5	420	2100
	58	12.5	2	585	1170
	59	12.5	3	470	1410
	60	12.5	3	674	2022
	61	12.5	3	380	1140
	62	12.5	8	1065	8520
	63	12.5	2	594	1188
	64	12.5	4	1112	4448
	65	12.5	4	492	1968
	66	12.5	2	1107	2214
	67	16.0	7	709	5363
	68	16.0	7	667	4669
	69	16.0	5	350	1750
	70	16.0	2	1119	2238
	71	16.0	2	421	842
	72	16.0	2	400	800
	73	16.0	2	1220	2440
	74	16.0	4	662	2648
	75	16.0	4	599	2396
	76	16.0	2	1157	2314
	77	16.0	2	247	494
	78	16.0	2	317	634
	79	16.0	2	1087	2174
	80	16.0	2	753	1506
	81	16.0	2	660	1320
	82	16.0	1	1196	1196
	83	16.0	1	319	319
	84	16.0	2	465	930
	85	16.0	1	1110	1110
	86	16.0	3	681	2043
	87	16.0	2	232	464
	88	16.0	2	207	414
	89	16.0	3	747	2241
	90	16.0	2	585	1170
	91	16.0	4	616	2464
	92	16.0	4	1135	4540
	93	16.0	2	315	630
	94	16.0	4	1182	4728
	95	20.0	5	625	3125
	96	20.0	1	456	456
	97	20.0	5	496	2480

Resumo do aço			
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	311.1	137.6
	8.0	493.3	214.1
	10.0	128.3	87
	12.5	603.4	639.3
	16.0	540	937.5
CA60	20.0	60.7	164.4
	5.0	1129.4	191.5
PESO TOTAL (kg)			
CA50			2179.8
CA60			191.5

Volume de concreto (C-25) = 15.58 m³
Área de forma = 202.89 m²



CENTRO ADMINISTRATIVO MUNICIPAL
ENDEREÇO: RUA AMÁLIA CARVALHO ROCHA, 316 - BAIRRO CENTRO - ITACURUBI - RS

PROPRIETÁRIO: _____ PREFEITURA MUNICIPAL DE ITACURUBI
RESPONSÁVEIS TÉCNICOS: _____
Regis C. Moraes - Eng. Civil - Crea 93.278

PROJETO ESTRUTURAL
PAVIMENTO: SEGUNDO PAVIMENTO
ASSUNTO: DETALHAMENTO DAS VIGAS **PE04B**
ESCALA: 1:25/1:50 DATA: DEZEMBRO/2015 DESENHO: REGIS