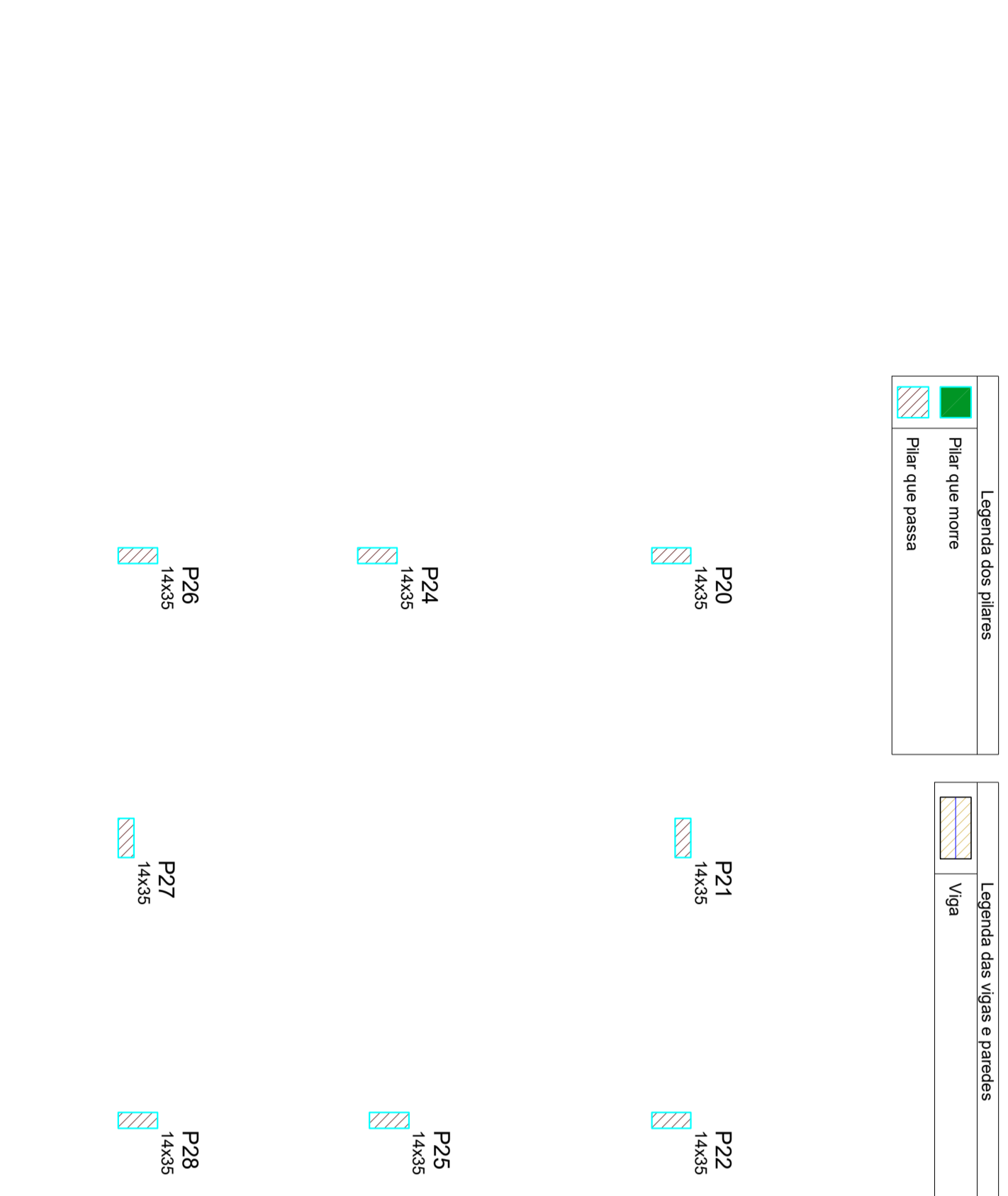
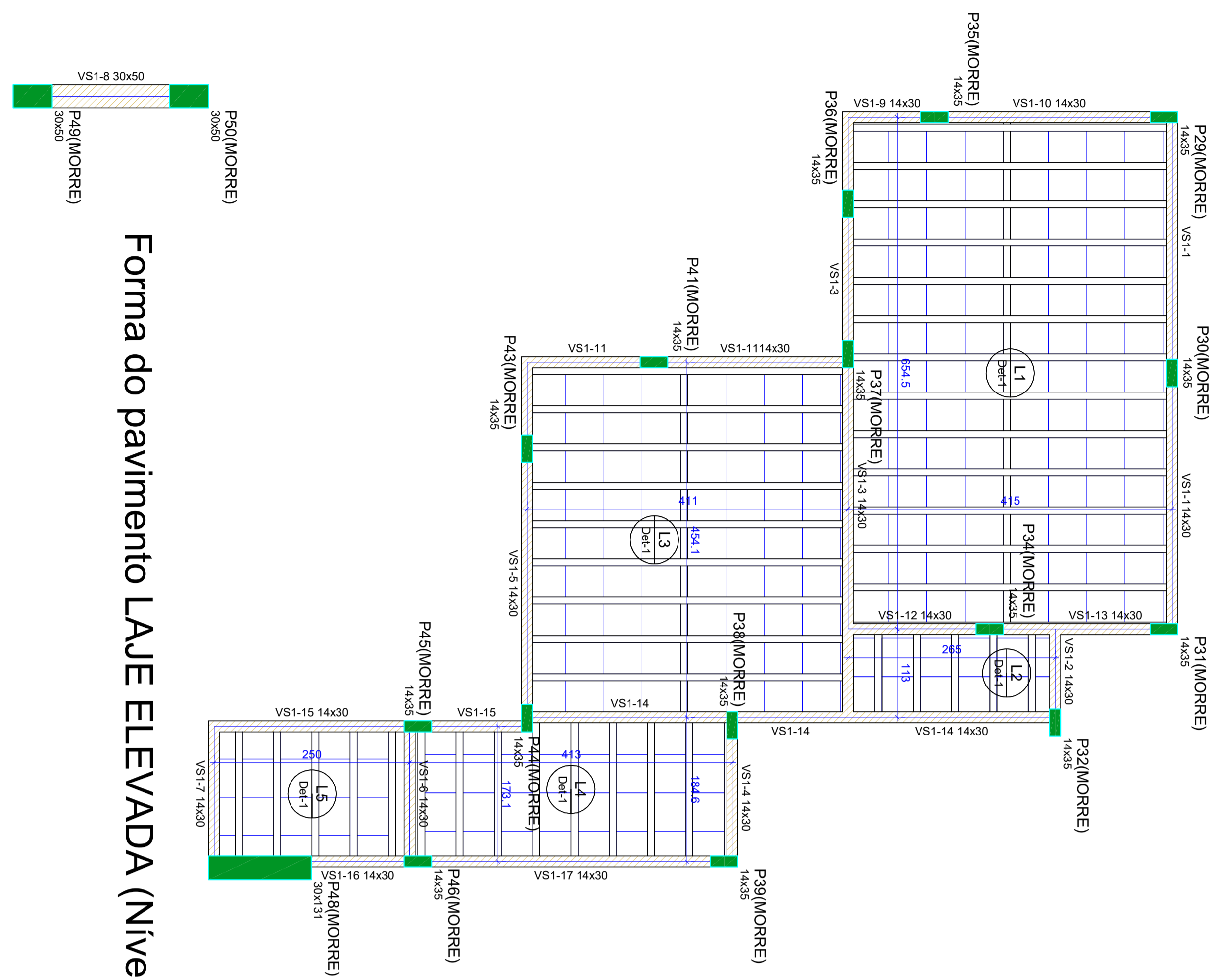
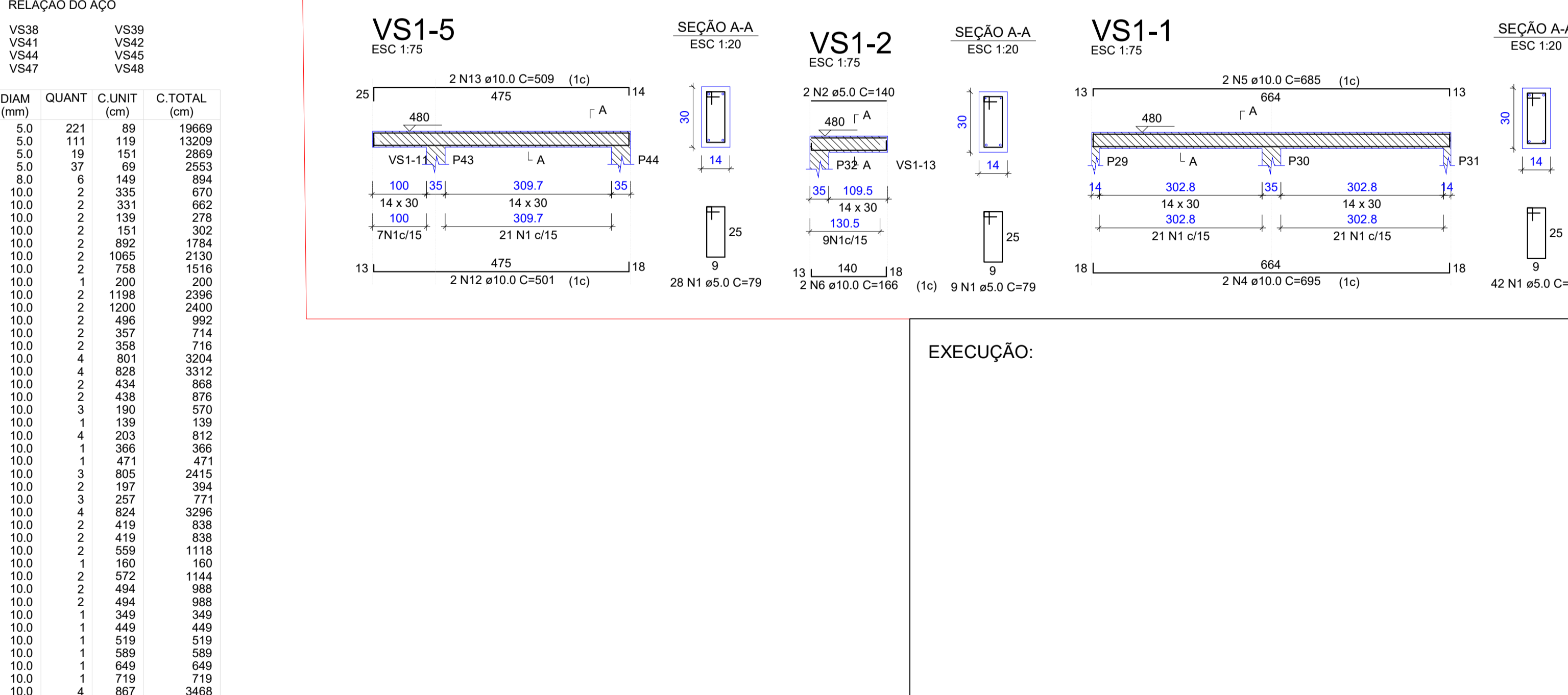
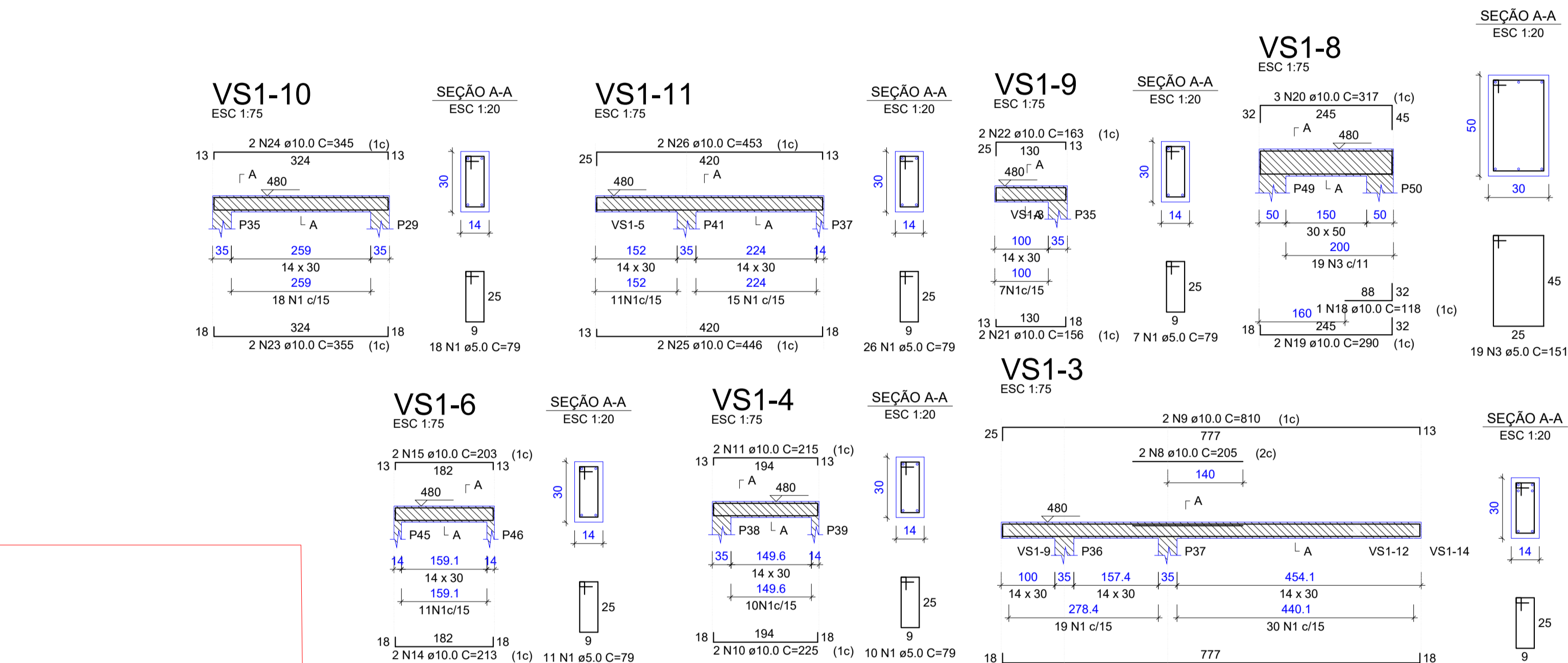
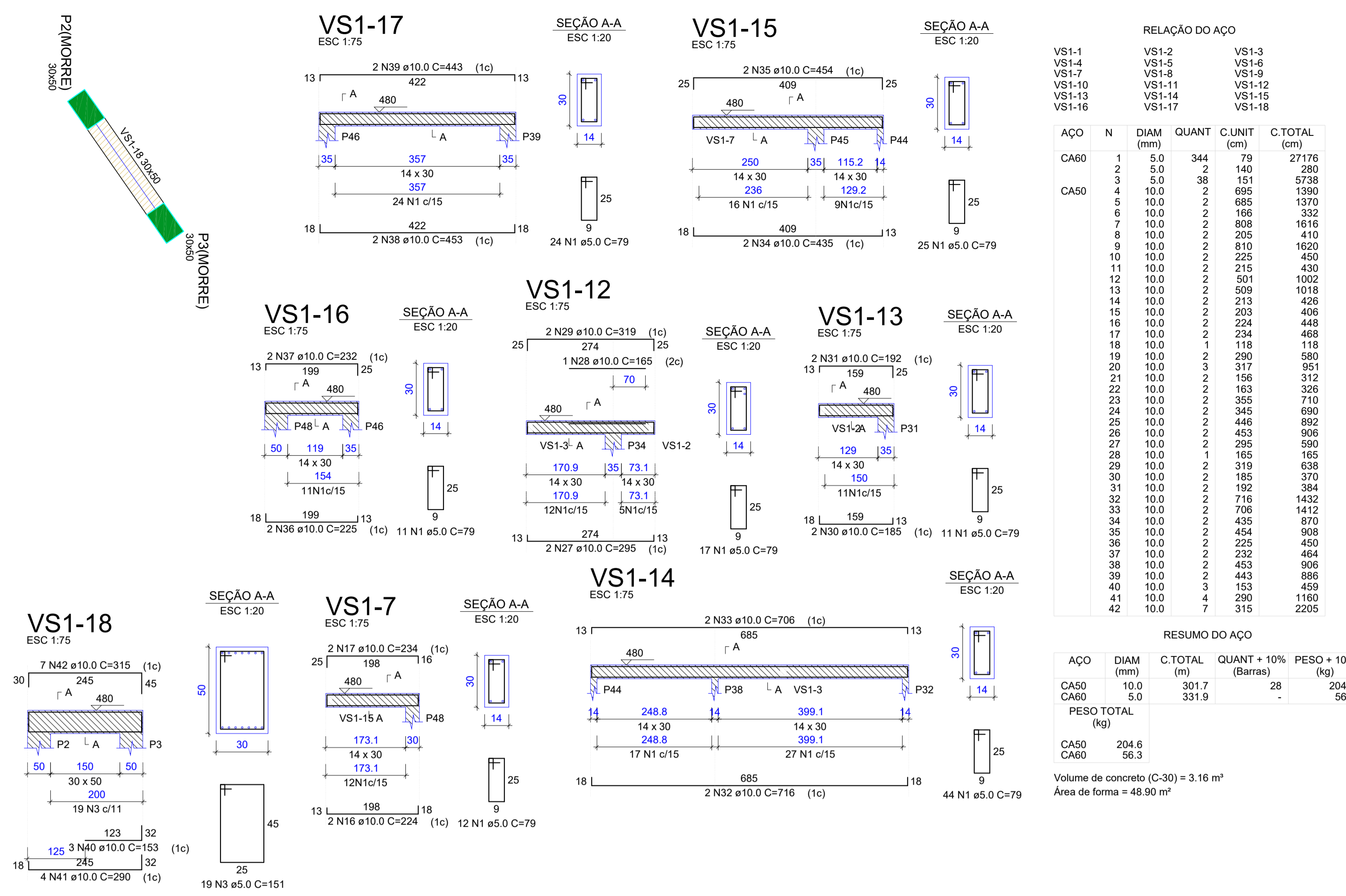


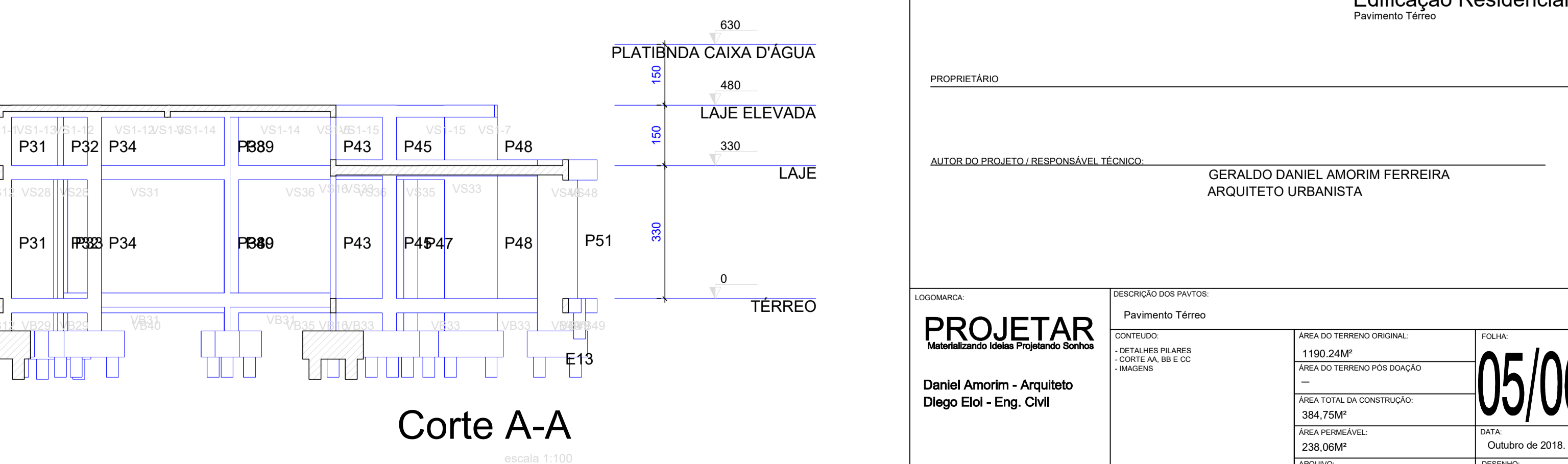
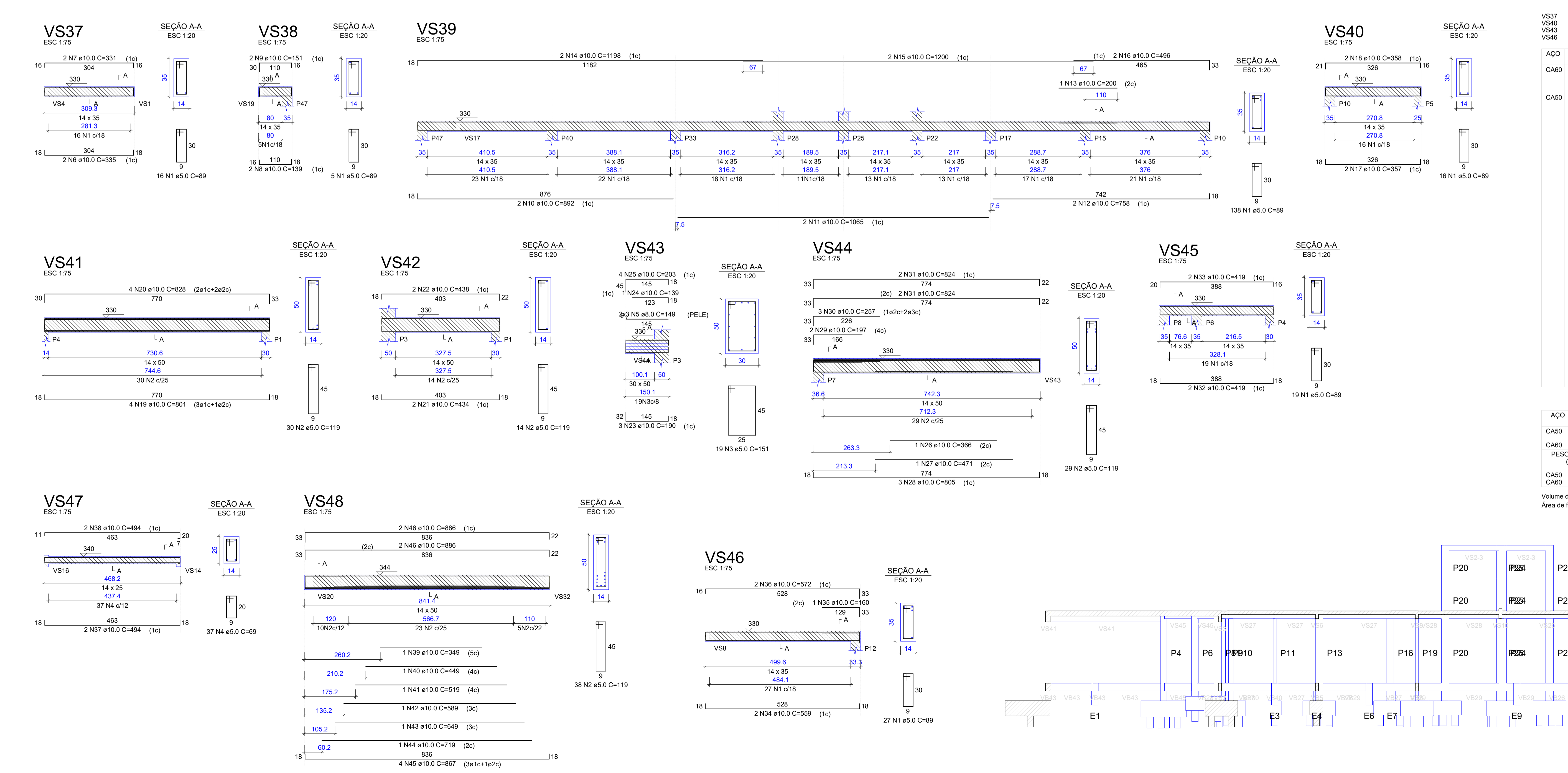
**Forma do pavimento LAJE ELEVADA (Nível 480)**  
Escala: 1:50



Nome	Seção	Material	Quant	Unid	Volume
VS1-1	14x30	14x30	0	480	0
VS1-2	14x30	14x30	0	480	0
VS1-3	14x30	14x30	0	480	0
VS1-4	14x30	14x30	0	480	0
VS1-5	14x30	14x30	0	480	0
VS1-6	14x30	14x30	0	480	0
VS1-7	14x30	14x30	0	480	0
VS1-8	14x30	14x30	0	480	0
VS1-9	14x30	14x30	0	480	0
VS1-10	14x30	14x30	0	480	0
VS1-11	14x30	14x30	0	480	0
VS1-12	14x30	14x30	0	480	0
VS1-13	14x30	14x30	0	480	0
VS1-14	14x30	14x30	0	480	0
VS1-15	14x30	14x30	0	480	0
VS1-16	14x30	14x30	0	480	0
VS1-17	14x30	14x30	0	480	0
VS1-18	30x50	30x50	0	480	0
VS1-19	30x50	30x50	0	480	0
VS1-20	30x50	30x50	0	480	0
VS1-21	30x50	30x50	0	480	0
VS1-22	30x50	30x50	0	480	0
VS1-23	30x50	30x50	0	480	0
VS1-24	30x50	30x50	0	480	0
VS1-25	30x50	30x50	0	480	0
VS1-26	30x50	30x50	0	480	0
VS1-27	30x50	30x50	0	480	0
VS1-28	30x50	30x50	0	480	0
VS1-29	30x50	30x50	0	480	0
VS1-30	30x50	30x50	0	480	0
VS1-31	30x50	30x50	0	480	0
VS1-32	30x50	30x50	0	480	0
VS1-33	30x50	30x50	0	480	0
VS1-34	30x50	30x50	0	480	0
VS1-35	30x50	30x50	0	480	0
VS1-36	30x50	30x50	0	480	0
VS1-37	30x50	30x50	0	480	0
VS1-38	30x50	30x50	0	480	0
VS1-39	30x50	30x50	0	480	0



Relação do Aço	Resumo do Aço																																																																																																																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th>ACO</th> <th>N</th> <th>DIAM (mm)</th> <th>QUANT</th> <th>CLUNT (cm)</th> <th>C.TOTAL (cm)</th> </tr> </thead> <tbody> <tr><td>CASO</td><td>1</td><td>5.0</td><td>221</td><td>89</td><td>19669</td></tr> <tr><td></td><td>2</td><td>5.0</td><td>111</td><td>119</td><td>13209</td></tr> <tr><td></td><td>3</td><td>5.0</td><td>19</td><td>151</td><td>2869</td></tr> <tr><td></td><td>4</td><td>5.0</td><td>37</td><td>69</td><td>2553</td></tr> <tr><td></td><td>5</td><td>8.0</td><td>9</td><td>149</td><td>894</td></tr> <tr><td></td><td>6</td><td>10.0</td><td>2</td><td>335</td><td>670</td></tr> <tr><td></td><td>7</td><td>10.0</td><td>2</td><td>331</td><td>662</td></tr> <tr><td></td><td>8</td><td>10.0</td><td>1</td><td>139</td><td>278</td></tr> <tr><td></td><td>9</td><td>10.0</td><td>1</td><td>151</td><td>302</td></tr> <tr><td></td><td>10</td><td>10.0</td><td>2</td><td>892</td><td>1784</td></tr> <tr><td></td><td>11</td><td>10.0</td><td>1</td><td>1095</td><td>2190</td></tr> <tr><td></td><td>12</td><td>10.0</td><td>2</td><td>758</td><td>1516</td></tr> <tr><td></td><td>13</td><td>10.0</td><td>1</td><td>290</td><td>580</td></tr> <tr><td></td><td>14</td><td>10.0</td><td>2</td><td>1198</td><td>2396</td></tr> <tr><td></td><td>15</td><td>10.0</td><td>2</td><td>1200</td><td>2400</td></tr> <tr><td></td><td>16</td><td>10.0</td><td>2</td><td>496</td><td>992</td></tr> <tr><td></td><td>17</td><td>10.0</td><td>1</td><td>357</td><td>714</td></tr> <tr><td></td><td>18</td><td>10.0</td><td>2</td><td>358</td><td>716</td></tr> <tr><td></td><td>19</td><td>10.0</td><td>4</td><td>901</td><td>3204</td></tr> <tr><td></td><td>20</td><td>10.0</td><td>4</td><td>828</td><td>3312</td></tr> <tr><td></td><td>21</td><td>10.0</td><td>3</td><td>434</td><td>1668</td></tr> <tr><td></td><td>22</td><td>10.0</td><td>2</td><td>438</td><td>876</td></tr> <tr><td></td><td>23</td><td>10.0</td><td>3</td><td>190</td><td>570</td></tr> <tr><td></td><td>24</td><td>10.0</td><td>1</td><td>139</td><td>139</td></tr> <tr><td></td><td>25</td><td>10.0</td><td>4</td><td>293</td><td>1172</td></tr> <tr><td></td><td>26</td><td>10.0</td><td>1</td><td>356</td><td>356</td></tr> <tr><td></td><td>27</td><td>10.0</td><td>1</td><td>471</td><td>471</td></tr> <tr><td></td><td>28</td><td>10.0</td><td>3</td><td>825</td><td>2475</td></tr> <tr><td></td><td>29</td><td>10.0</td><td>1</td><td>197</td><td>394</td></tr> <tr><td></td><td>30</td><td>10.0</td><td>3</td><td>257</td><td>771</td></tr> <tr><td></td><td>31</td><td>10.0</td><td>2</td><td>83</td><td>326</td></tr> <tr><td></td><td>32</td><td>10.0</td><td>2</td><td>419</td><td>838</td></tr> <tr><td></td><td>33</td><td>10.0</td><td>2</td><td>357</td><td>714</td></tr> <tr><td></td><td>34</td><td>10.0</td><td>2</td><td>559</td><td>1118</td></tr> <tr><td></td><td>35</td><td>10.0</td><td>1</td><td>160</td><td>160</td></tr> <tr><td></td><td>36</td><td>10.0</td><td>2</td><td>572</td><td>1144</td></tr> <tr><td></td><td>37</td><td>10.0</td><td>2</td><td>494</td><td>988</td></tr> <tr><td></td><td>38</td><td>10.0</td><td>1</td><td>519</td><td>519</td></tr> <tr><td></td><td>39</td><td>10.0</td><td>1</td><td>559</td><td>559</td></tr> <tr><td></td><td>40</td><td>10.0</td><td>1</td><td>649</td><td>649</td></tr> <tr><td></td><td>41</td><td>10.0</td><td>1</td><td>719</td><td>719</td></tr> <tr><td></td><td>42</td><td>10.0</td><td>1</td><td>86</td><td>86</td></tr> <tr><td></td><td>43</td><td>10.0</td><td>4</td><td>886</td><td>3544</td></tr> <tr><td></td><td>44</td><td>10.0</td><td>4</td><td>886</td><td>3544</td></tr> <tr><td></td><td>45</td><td>10.0</td><td>4</td><td>886</td><td>3544</td></tr> <tr><td></td><td>46</td><td>10.0</td><td>4</td><td>886</td><td>3544</td></tr> </tbody> </table>	ACO	N	DIAM (mm)	QUANT	CLUNT (cm)	C.TOTAL (cm)	CASO	1	5.0	221	89	19669		2	5.0	111	119	13209		3	5.0	19	151	2869		4	5.0	37	69	2553		5	8.0	9	149	894		6	10.0	2	335	670		7	10.0	2	331	662		8	10.0	1	139	278		9	10.0	1	151	302		10	10.0	2	892	1784		11	10.0	1	1095	2190		12	10.0	2	758	1516		13	10.0	1	290	580		14	10.0	2	1198	2396		15	10.0	2	1200	2400		16	10.0	2	496	992		17	10.0	1	357	714		18	10.0	2	358	716		19	10.0	4	901	3204		20	10.0	4	828	3312		21	10.0	3	434	1668		22	10.0	2	438	876		23	10.0	3	190	570		24	10.0	1	139	139		25	10.0	4	293	1172		26	10.0	1	356	356		27	10.0	1	471	471		28	10.0	3	825	2475		29	10.0	1	197	394		30	10.0	3	257	771		31	10.0	2	83	326		32	10.0	2	419	838		33	10.0	2	357	714		34	10.0	2	559	1118		35	10.0	1	160	160		36	10.0	2	572	1144		37	10.0	2	494	988		38	10.0	1	519	519		39	10.0	1	559	559		40	10.0	1	649	649		41	10.0	1	719	719		42	10.0	1	86	86		43	10.0	4	886	3544		44	10.0	4	886	3544		45	10.0	4	886	3544		46	10.0	4	886	3544	<table border="1"> <thead> <tr> <th>ACO</th> <th>DIAM (mm)</th> <th>C.TOTAL (m)</th> <th>QUANT + 10% (Barras)</th> <th>PESO + 10% (kg)</th> </tr> </thead> <tbody> <tr><td>CASO</td><td>8.0</td><td>8.9</td><td>1</td><td>3.9</td></tr> <tr><td></td><td>10.0</td><td>466.1</td><td>46</td><td>330.7</td></tr> <tr><td></td><td>5.0</td><td>383</td><td>46</td><td>64.9</td></tr> <tr><td colspan="5"><b>PESO TOTAL (kg)</b></td></tr> <tr><td>CASO</td><td></td><td></td><td>333.6</td><td></td></tr> <tr><td>CASO</td><td></td><td></td><td>54.9</td><td></td></tr> </tbody> </table> <p>Volume de concreto (C-30) = 4.51 m³ Área de forma = 73.85 m²</p>	ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)	CASO	8.0	8.9	1	3.9		10.0	466.1	46	330.7		5.0	383	46	64.9	<b>PESO TOTAL (kg)</b>					CASO			333.6		CASO			54.9	
ACO	N	DIAM (mm)	QUANT	CLUNT (cm)	C.TOTAL (cm)																																																																																																																																																																																																																																																																																																																									
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	4	5.0	37	69	2553																																																																																																																																																																																																																																																																																																																									
	5	8.0	9	149	894																																																																																																																																																																																																																																																																																																																									
	6	10.0	2	335	670																																																																																																																																																																																																																																																																																																																									
	7	10.0	2	331	662																																																																																																																																																																																																																																																																																																																									
	8	10.0	1	139	278																																																																																																																																																																																																																																																																																																																									
	9	10.0	1	151	302																																																																																																																																																																																																																																																																																																																									
	10	10.0	2	892	1784																																																																																																																																																																																																																																																																																																																									
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	12	10.0	2	758	1516																																																																																																																																																																																																																																																																																																																									
	13	10.0	1	290	580																																																																																																																																																																																																																																																																																																																									
	14	10.0	2	1198	2396																																																																																																																																																																																																																																																																																																																									
	15	10.0	2	1200	2400																																																																																																																																																																																																																																																																																																																									
	16	10.0	2	496	992																																																																																																																																																																																																																																																																																																																									
	17	10.0	1	357	714																																																																																																																																																																																																																																																																																																																									
	18	10.0	2	358	716																																																																																																																																																																																																																																																																																																																									
	19	10.0	4	901	3204																																																																																																																																																																																																																																																																																																																									
	20	10.0	4	828	3312																																																																																																																																																																																																																																																																																																																									
	21	10.0	3	434	1668																																																																																																																																																																																																																																																																																																																									
	22	10.0	2	438	876																																																																																																																																																																																																																																																																																																																									
	23	10.0	3	190	570																																																																																																																																																																																																																																																																																																																									
	24	10.0	1	139	139																																																																																																																																																																																																																																																																																																																									
	25	10.0	4	293	1172																																																																																																																																																																																																																																																																																																																									
	26	10.0	1	356	356																																																																																																																																																																																																																																																																																																																									
	27	10.0	1	471	471																																																																																																																																																																																																																																																																																																																									
	28	10.0	3	825	2475																																																																																																																																																																																																																																																																																																																									
	29	10.0	1	197	394																																																																																																																																																																																																																																																																																																																									
	30	10.0	3	257	771																																																																																																																																																																																																																																																																																																																									
	31	10.0	2	83	326																																																																																																																																																																																																																																																																																																																									
	32	10.0	2	419	838																																																																																																																																																																																																																																																																																																																									
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	34	10.0	2	559	1118																																																																																																																																																																																																																																																																																																																									
	35	10.0	1	160	160																																																																																																																																																																																																																																																																																																																									
	36	10.0	2	572	1144																																																																																																																																																																																																																																																																																																																									
	37	10.0	2	494	988																																																																																																																																																																																																																																																																																																																									
	38	10.0	1	519	519																																																																																																																																																																																																																																																																																																																									
	39	10.0	1	559	559																																																																																																																																																																																																																																																																																																																									
	40	10.0	1	649	649																																																																																																																																																																																																																																																																																																																									
	41	10.0	1	719	719																																																																																																																																																																																																																																																																																																																									
	42	10.0	1	86	86																																																																																																																																																																																																																																																																																																																									
	43	10.0	4	886	3544																																																																																																																																																																																																																																																																																																																									
	44	10.0	4	886	3544																																																																																																																																																																																																																																																																																																																									
	45	10.0	4	886	3544																																																																																																																																																																																																																																																																																																																									
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**EXECUÇÃO:**

**ESTRUTURAL RESIDENCIAL**  
Endereço: Alameda Arcezo, Od. 02, L. 08-B, Loteamento Vilaágua Bloco Rodovia GO-070 Km 13 Goiânia - GO CEP: 75370-000

Edifício Residencial  
Pavimento Térreo

PROPRIETÁRIO: \_\_\_\_\_

AUTORIDADE PROJETO / RESPONSÁVEL TÉCNICO: GERALDO DANIEL AMORIM FERREIRA  
ARQUITETO URBANISTA

COORDENADOR: \_\_\_\_\_

**PROJETAR**  
Pavimento Térreo

CONTEÚDO: 1:50 2:50 3:50 4:50 5:50 6:50 7:50 8:50 9:50 10:50 11:50 12:50 13:50 14:50 15:50 16:50 17:50 18:50 19:50 20:50 21:50 22:50 23:50 24:50 25:50 26:50 27:50 28:50 29:50 30:50 31:50 32:50 33:50 34:50 35:50 36:50 37:50 38:50 39:50 40:50 41:50 42:50 43:50 44:50 45:50 46:50 47:50 48:50 49:50 50:50 51:50 52:50 53:50 54:50 55:50 56:50 57:50 58:50 59:50 60:50 61:50 62:50 63:50 64:50 65:50 66:50 67:50 68:50 69:50 70:50 71:50 72:50 73:50 74:50 75:50 76:50 77:50 78:50 79:50 80:50 81:50 82:50 83:50 84:50 85:50 86:50 87:50 88:50 89:50 90:50 91:50 92:50 93:50 94:50 95:50 96:50 97:50 98:50 99:50 100:50

PROJETO: 05/06  
Data: Outubro de 2018  
PROJETO: \_\_\_\_\_