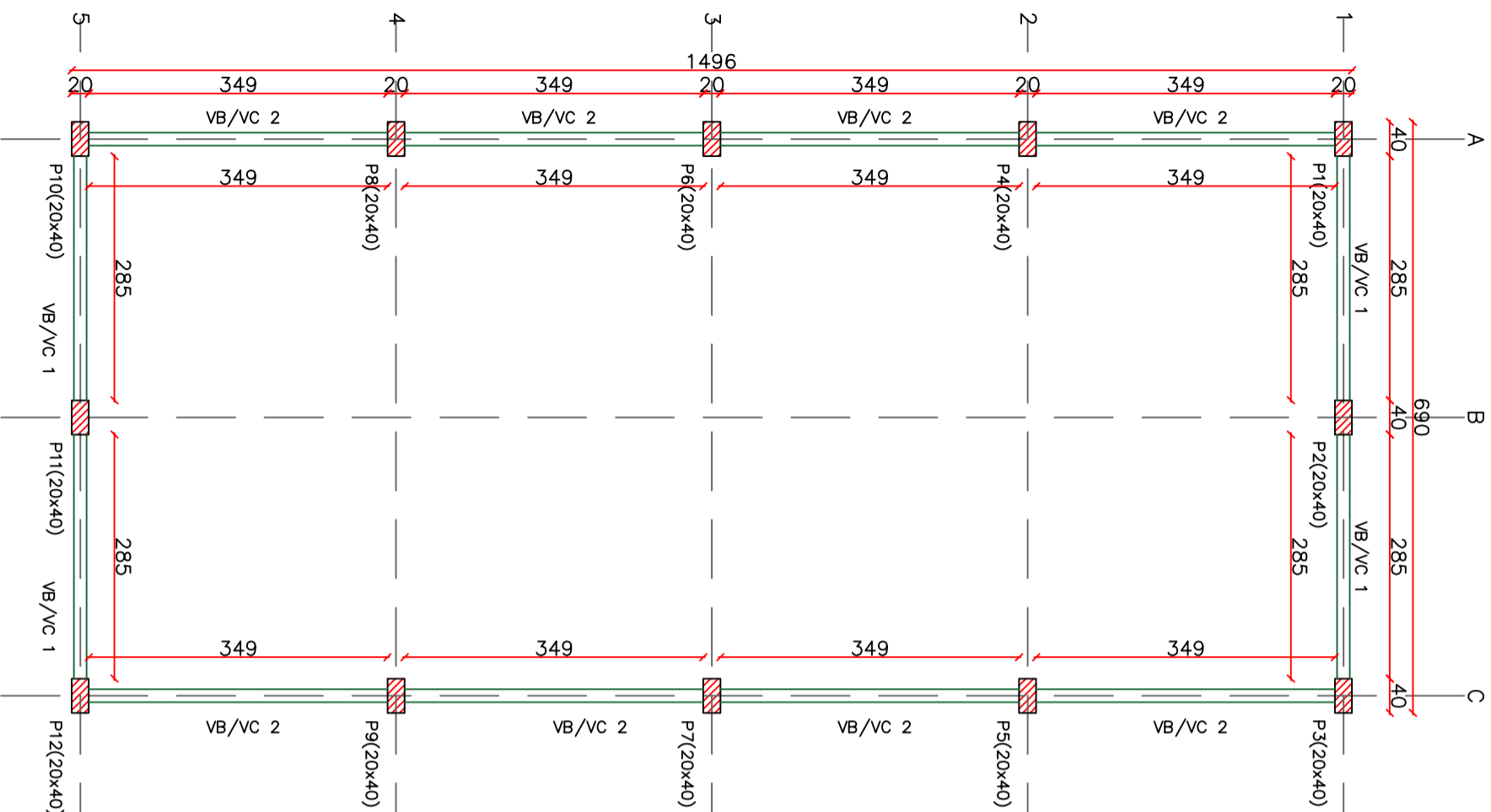
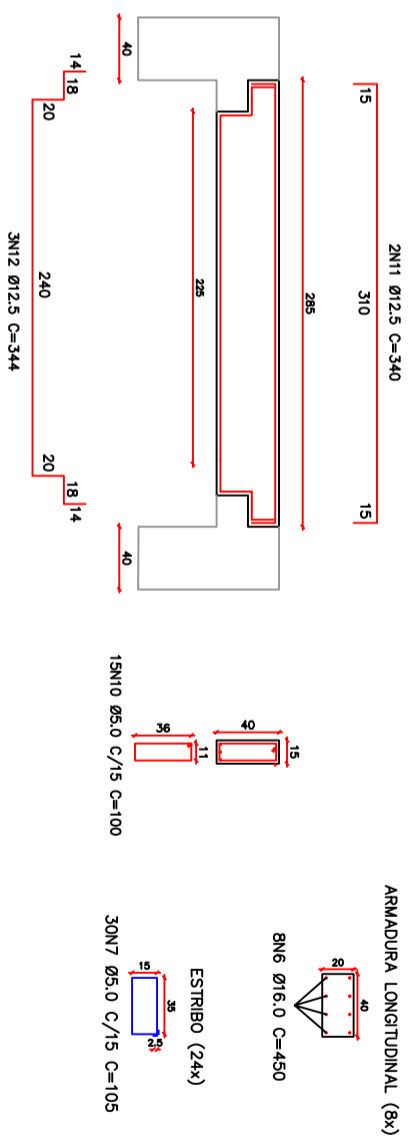


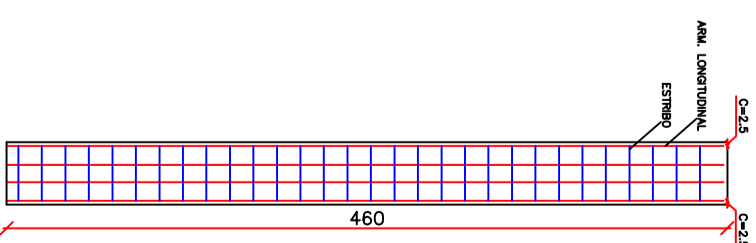
# LOCAÇÃO PILARES/VIGAS



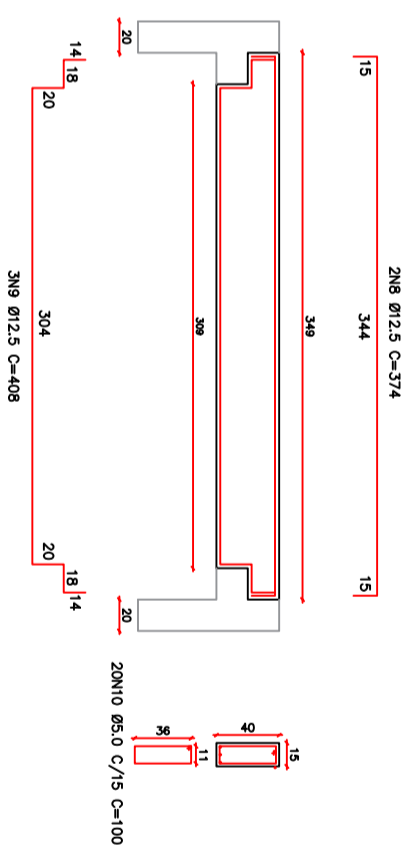
VB/VC 1 (4x)



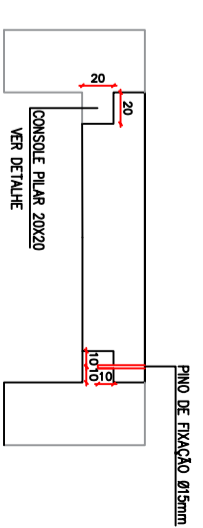
PILAR (12x)



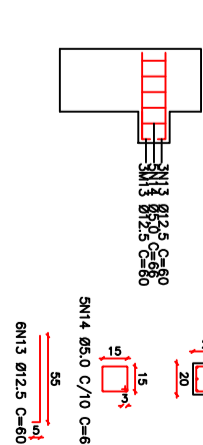
VB/VC 2 (8x)



DETALHES – VIGAS VB/VC



DETALHES – CONSOLE (24x)



**RESUMO DO AÇO – VIGAS BALDRAME**

Aço	Diâm. (mm)	Comp. Total (m)	Peso+10% (kg)
CA50	12.5	223.36	236.75
CA60	5.0	240.00	51.74
<b>Peso Total</b>		<b>2.20</b>	<b>236.75</b>
CA50			<b>2.20</b>
CA60			<b>51.74</b>
			<b>A. de Forma (m2)</b>
CA60			<b>37.33</b>

**RESUMO DO AÇO – CONSOLES VB**

Aço	Diâm. (mm)	Comp. Total (m)	Peso+10% (kg)
CA50	12.5	86.40	91.58
CA60	5.0	79.20	17.07
<b>Peso Total</b>		<b>0.20</b>	<b>91.58</b>
CA50			<b>0.20</b>
CA60			<b>17.07</b>
			<b>A. de Forma (m2)</b>
CA60			<b>2.88</b>

**RESUMO DO AÇO – VIGAS COBERTURA**

Aço	Diâm. (mm)	Comp. Total (m)	Peso+10% (kg)
CA50	12.5	223.36	236.75
CA60	5.0	240.00	51.74
<b>Peso Total</b>		<b>2.20</b>	<b>236.75</b>
CA50			<b>2.20</b>
CA60			<b>51.74</b>
			<b>A. de Forma (m2)</b>
CA60			<b>37.33</b>

**RESUMO DO AÇO – CONSOLES VC**

Aço	Diâm. (mm)	Comp. Total (m)	Peso+10% (kg)
CA50	12.5	86.40	91.58
CA60	5.0	79.20	17.07
<b>Peso Total</b>		<b>0.20</b>	<b>91.58</b>
CA50			<b>0.20</b>
CA60			<b>17.07</b>
			<b>A. de Forma (m2)</b>
CA60			<b>2.88</b>

**RESUMO DO AÇO – PILARES**

Aço	Diâm. (mm)	Comp. Total (m)	Peso+10% (kg)
CA50	16.0	432.00	749.86
CA60	5.0	378.00	81.49
<b>Peso Total</b>		<b>4.42</b>	<b>749.86</b>
CA50			<b>4.42</b>
CA60			<b>81.49</b>
			<b>A. de Forma (m2)</b>
CA60			<b>66.24</b>

Proprietário:	
Obra: Cobertura Quadra Escola Lions Clube	
Plancha 02/03 - Del. Pilares, V. Baldrame, V. Cobertura e Consolos	
PROPRIETÁRIO	
<b>A1</b>	