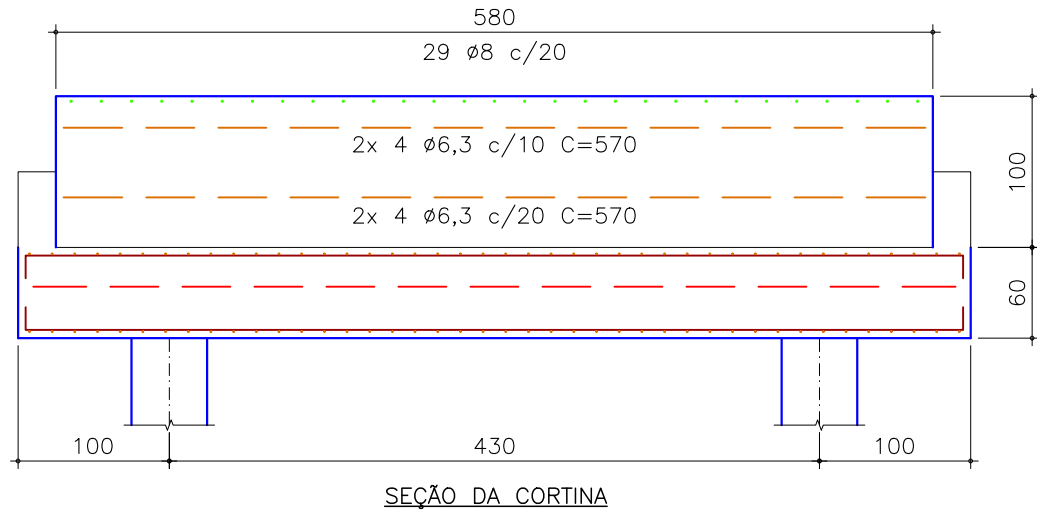
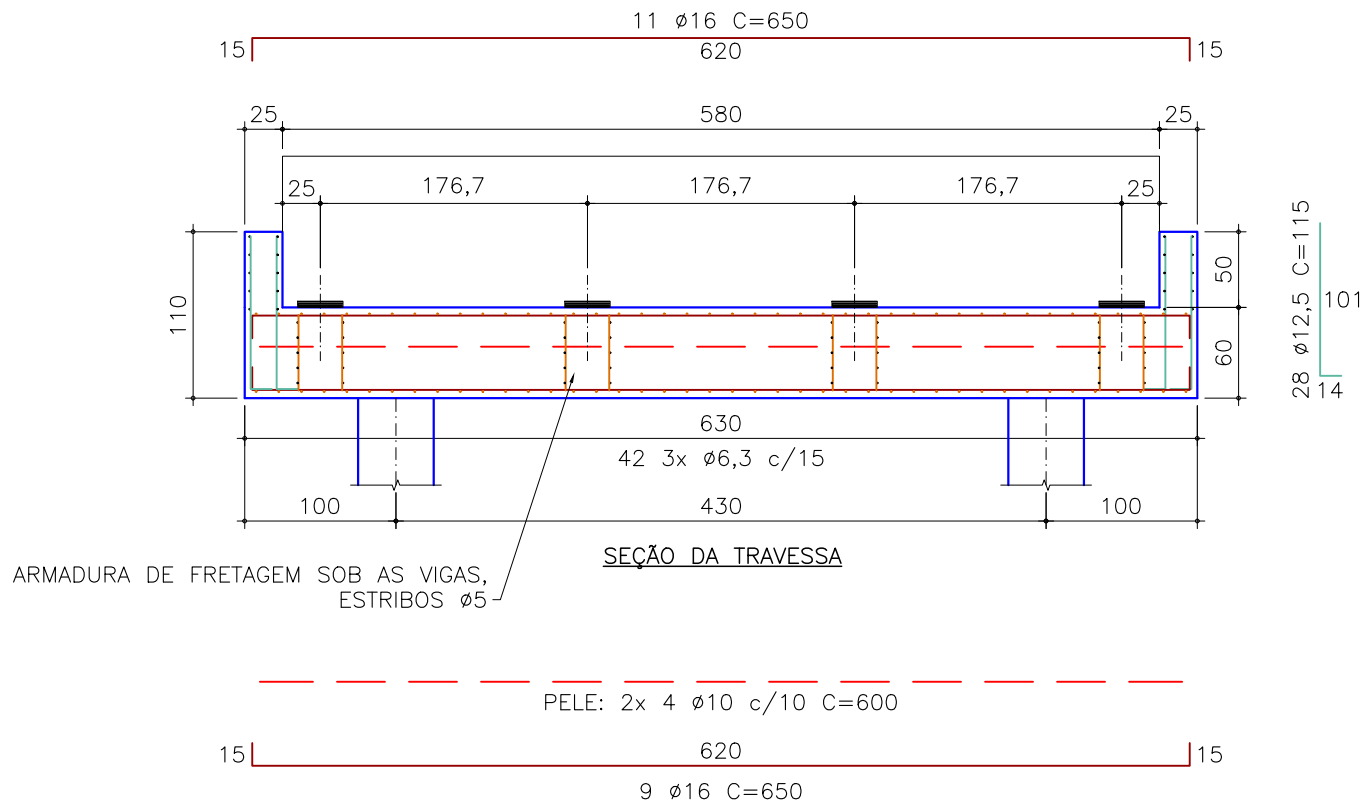


DET. ARMADURAS DA TRAVESSA DE EXTREMIDADE

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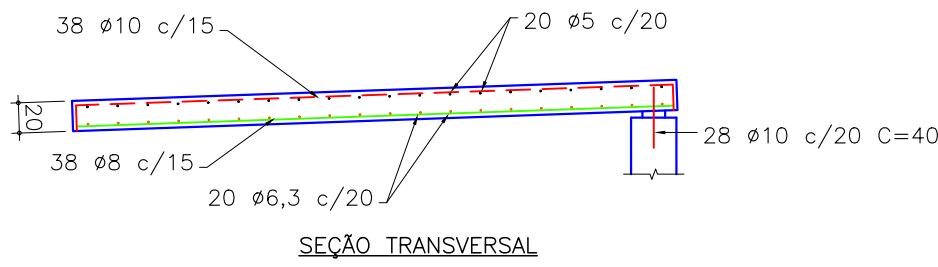
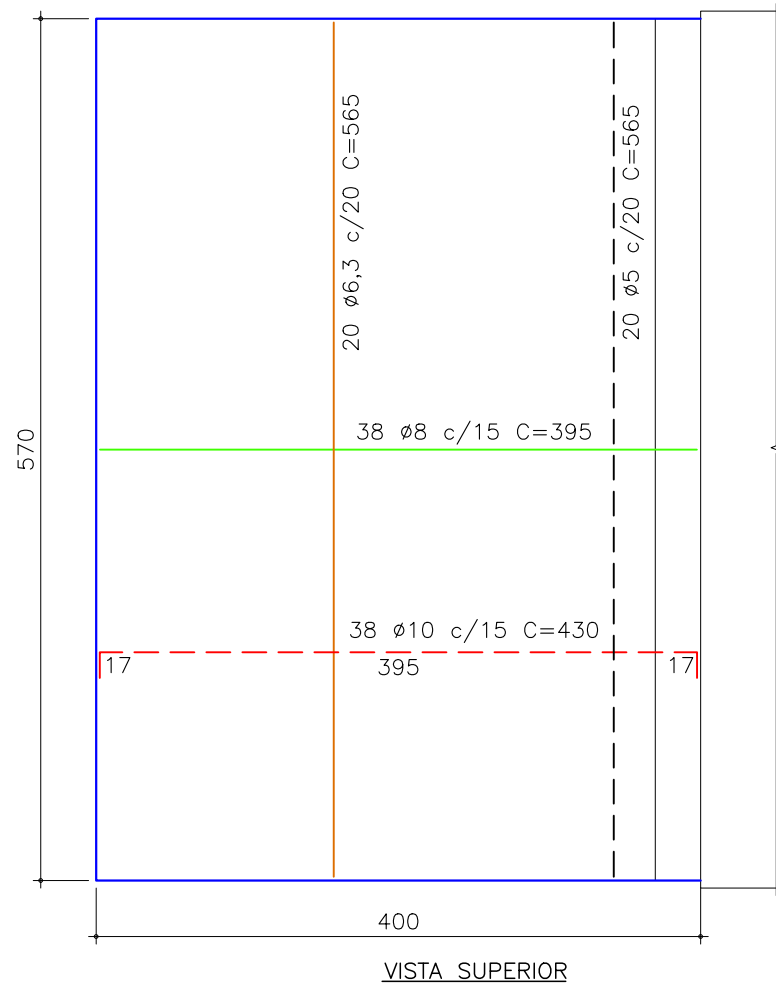


RESUMO DE AÇO - TRAVESSA EXTREMIDADE				
PEÇA	Ø (mm)	L (cm)	Quant.	Ltot (m)
F1	10.0	600	16	96.00
F2	16.0	650	40	260.00
F3	12.5	115	56	64.40
F4	6.3	50	80	40.00
F5	6.3	570	32	182.40
F6	8.0	335	58	194.30
F7	5.0	105	60	63.00
F8	5.0	115	160	184.00
F9	6.3	170	252	428.40
TOTAIS				
Ø (mm)	Ltot (m)		kgf + 10%	
5.0	247.0		41.9	
6.3	650.8		175.2	
8.0	194.3		84.3	
10.0	96.0		65.1	
12.5	64.4		68.2	
16.0	260.0		451.4	
TOTAL + 10% (kgf)			886.1	

CONCRETO, fck 25 MPa = 9,93 m3.

DET. LAJES DE TRANSIÇÃO

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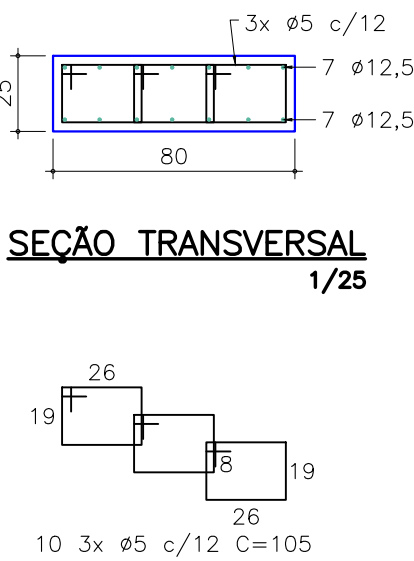


RESUMO DE AÇO				
PEÇA	Ø (mm)	L (cm)	Quant.	Ltot (m)
F1	5.0	565	40	226.00
F2	6.3	565	40	226.00
F3	8.0	395	76	300.20
F4	10.0	430	76	326.80
TOTAIS				
Ø (mm)	Ltot (m)		kgf + 10%	
5.0	226.0		38.3	
6.3	226.0		60.8	
8.0	300.2		130.3	
10.0	326.8		221.6	
TOTAL + 10% (kgf)			451.1	

CONCRETO, fck 25 MPa = 9,12 m3.

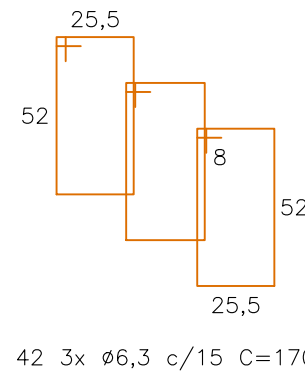
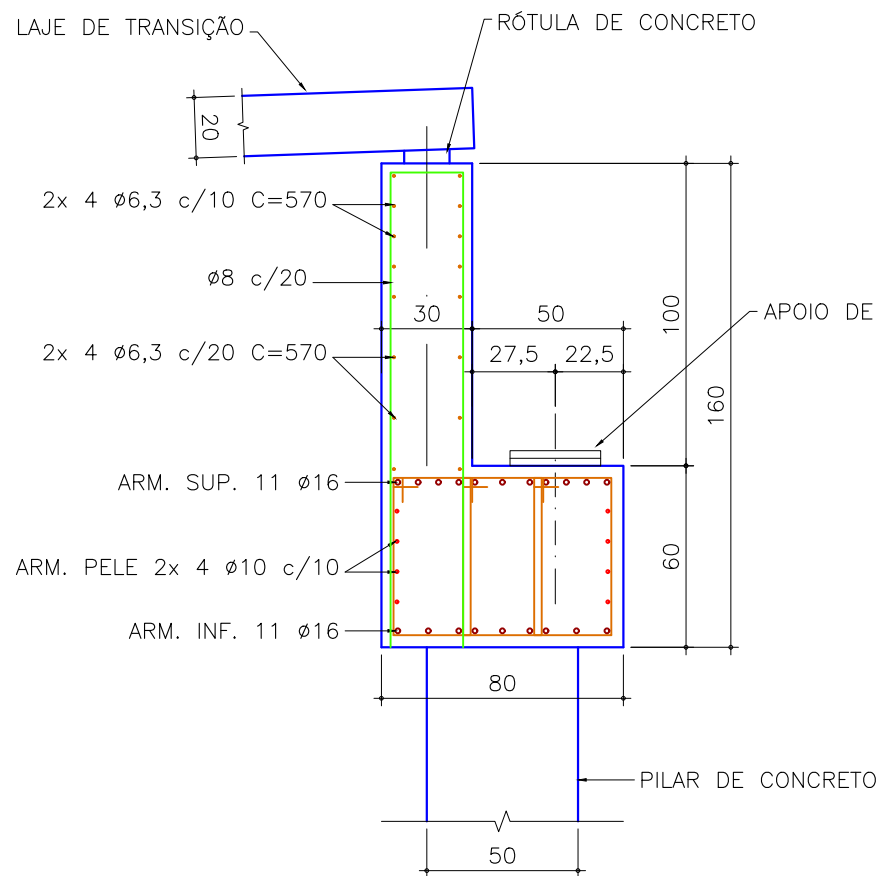
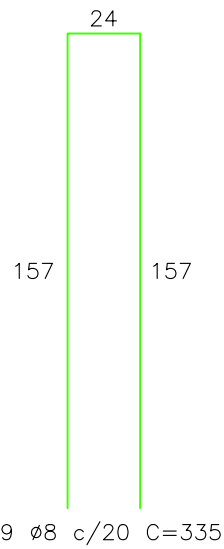
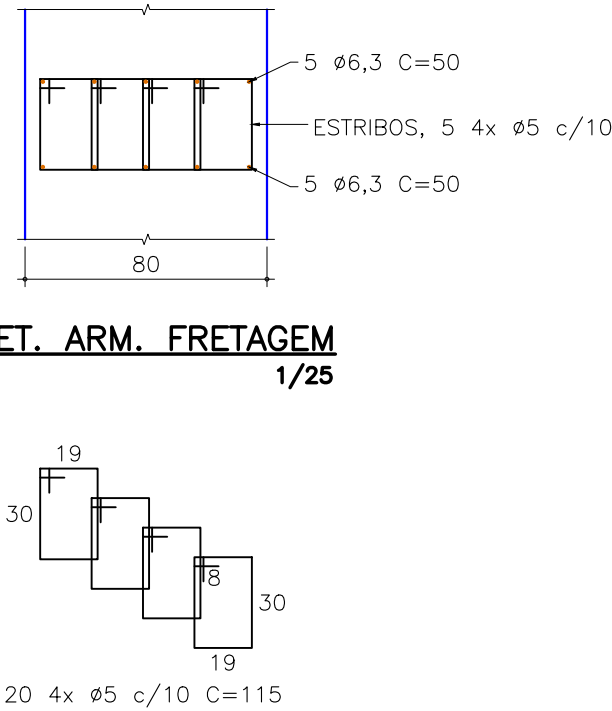
SEÇÃO TRANSVERSAL

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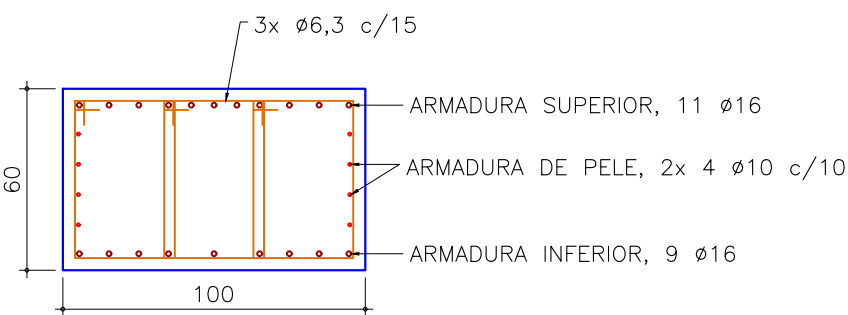
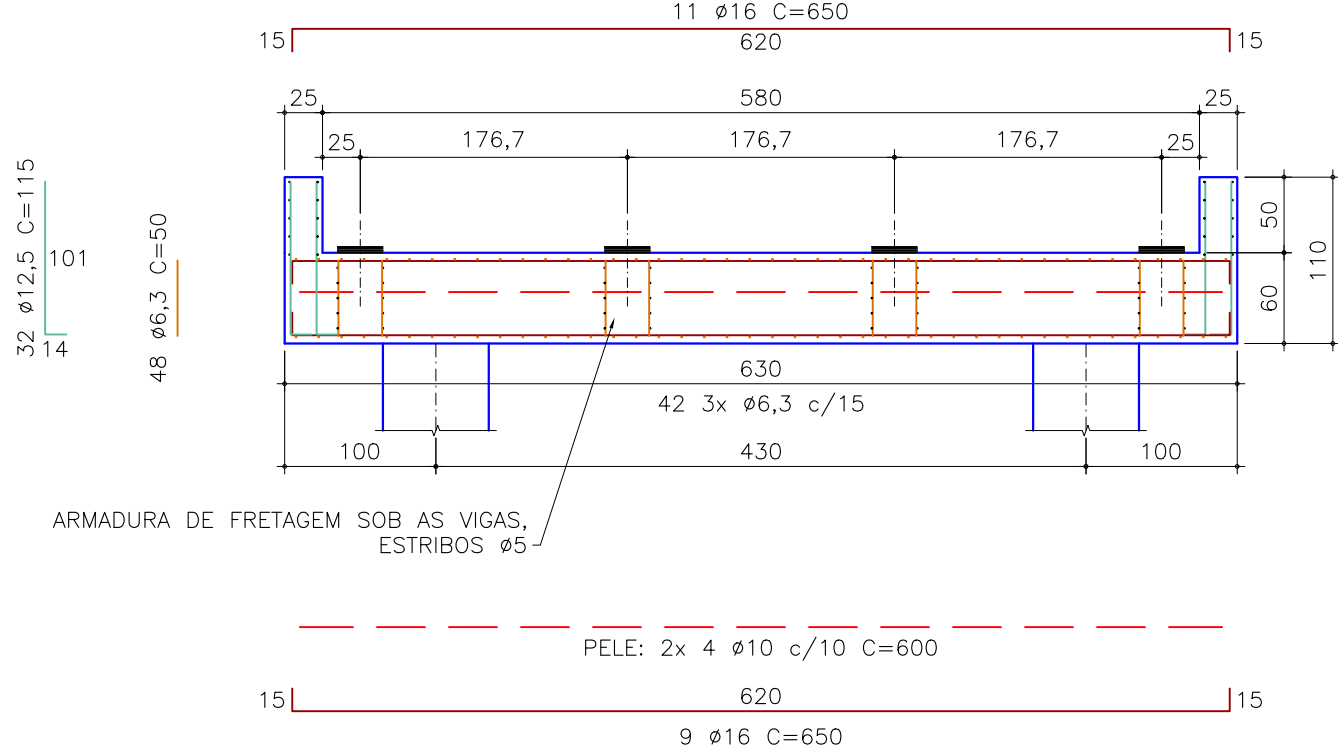
DET. ARM. FRETAGEM

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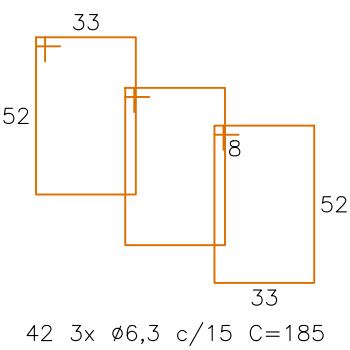
DET. ARMADURAS DA TRAVESSA

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SEÇÃO TRANSVERSAL

1/25

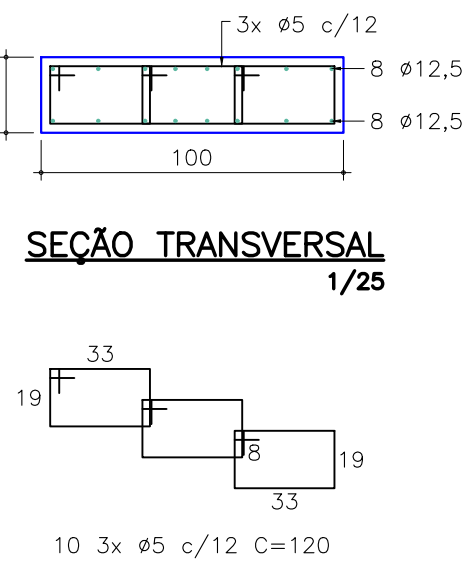


RESUMO DE AÇO - TRAVESSA INTERMEDIÁRIA				
PEÇA	Ø (mm)	L (cm)	Quant.	Ltot (m)
F1	10.0	600	16	96.00
F2	16.0	650	40	260.00
F3	12.5	115	64	73.60
F4	6.3	50	96	48.00
F5	5.0	120	60	72.00
F6	5.0	115	200	230.00
F7	6.3	185	252	466.20
TOTAIS				
Ø (mm)	Ltot (m)		kgf + 10%	
5.0	302.0		51.2	
6.3	514.2		138.4	
10.0	96.0		65.1	
12.5	73.6		78.0	
16.0	260.0		451.4	
TOTAL + 10% (kgf)			784.1	

CONCRETO, fck 25 MPa = 8,06 m3.

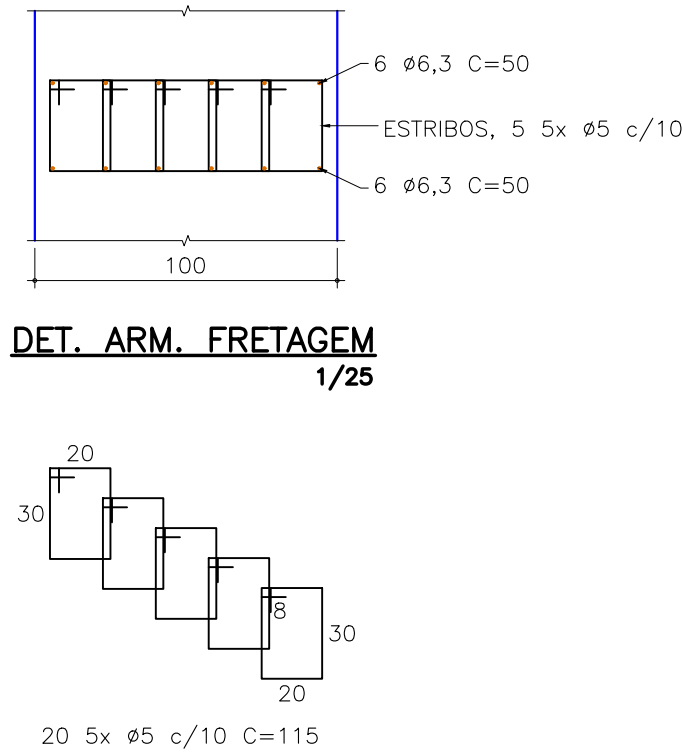
SEÇÃO TRANSVERSAL

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DET. ARM. FRETAGEM

1/25



CLIENTE	PREFEITURA MUNICIPAL DE SANTA MARIA	ESCALA	Indicada
OBRA	PONTE DE BANHADOS	DESENHO	A.L.
DESCRIÇÃO	Detalhamentos das travessas e lajes de transição	REVISÃO	-
DATA	07/07/2023	MODIFICADO	07/07/2023
LOCAL	Santa Maria/RS	RESP. TÉCN.	ENG. A. LÜBECK - CREA 140441
PRANCHA	03		