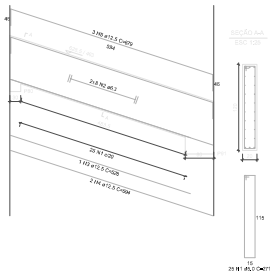
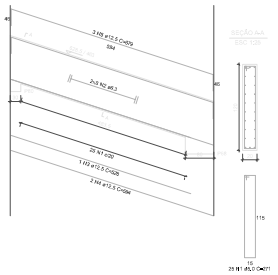
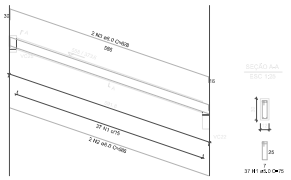
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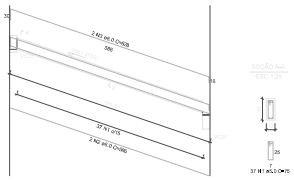
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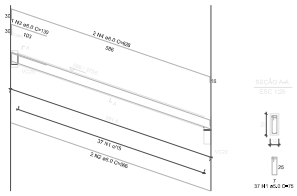
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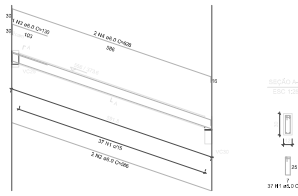
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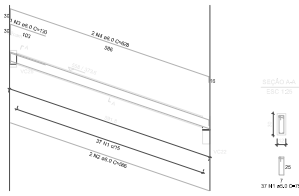
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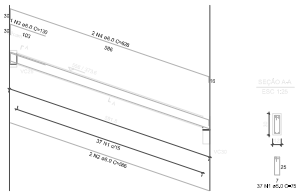
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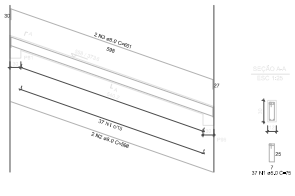
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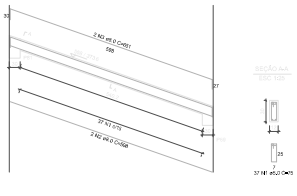
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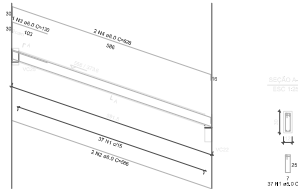
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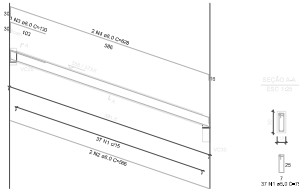
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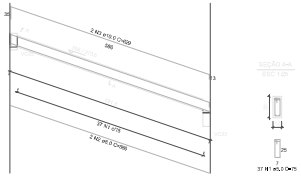
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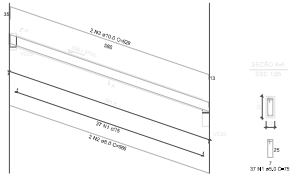
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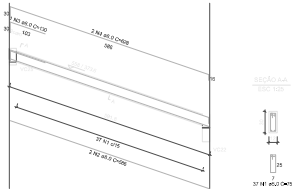
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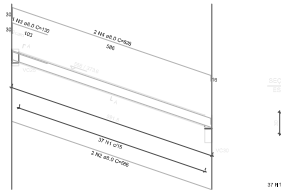
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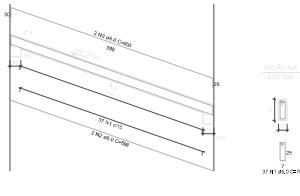
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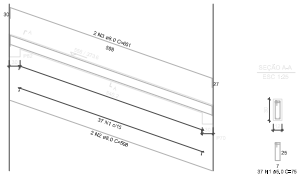
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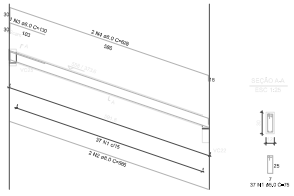
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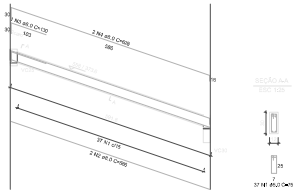
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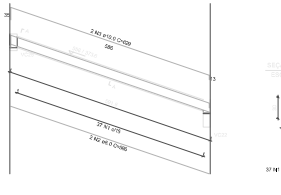
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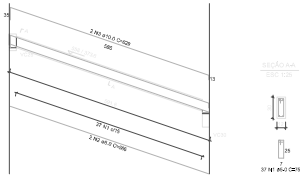
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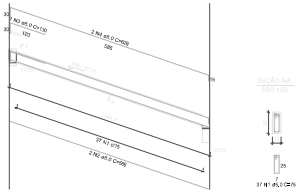
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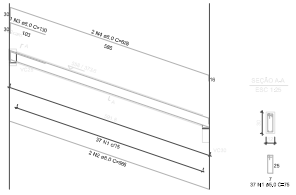
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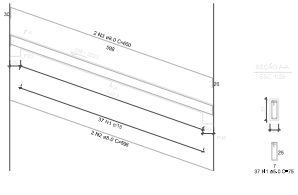
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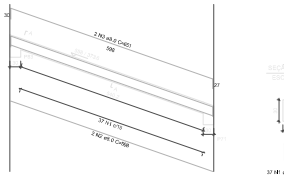
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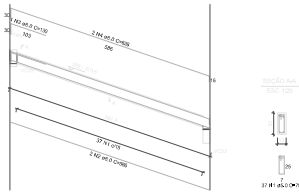
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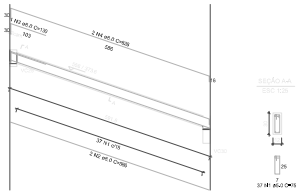
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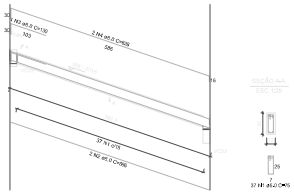
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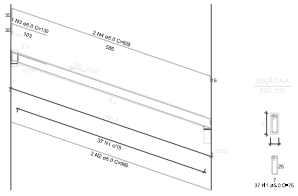
VI28



VI29



VI30



RELAÇÃO DO AÇO

DIÂMETRO	N	L	TOTAL	P	PESO (KG)
5.0	1	103	103	0.154	15.9
6.0	1	103	103	0.222	22.9
6.0	37	15	555	0.222	123.2
6.0	2	586	1172	0.222	260.2
6.0	1	601	601	0.222	133.4
6.0	1	629	629	0.222	139.6
10.0	1	629	629	0.617	388.1
12.5	1	679	679	0.963	653.8
12.5	1	529	529	0.963	509.4
12.5	1	594	594	0.963	571.9

RESUMO DO AÇO

DIÂMETRO	L	P	PESO (KG)
5.0	103	0.154	15.9
6.0	4.2 KM	0.222	939.7
10.0	629	0.617	388.1
12.5	1.8 KM	0.963	1735.1

TAB. DE CONCRETO: 1:1:2 (25 MPA)
AÇOS: CA-50 P/ Ø ≥ 6.3 MM E CA-60 P/ Ø < 6.3 MM

CONCRETO	V	H	TOTAL	P	PESO (KG)
25 MPa	0.15	0.25	0.038	2.4	90.0

BALANÇO DAS VIGAS

NOTAS – PROJETO DE ESTRUTURAS/FUNDAÇÕES

01 – AS COTAS DEVEM SER RESPEITADAS. EM CASO DE DIVERGÊNCIA ENTRE AS COTAS DO DESENHO E AS MEDIDAS DO PROJETO.

02 – TODOS OS ELEMENTOS DE ESTRUTURA SÃO DETERMINADOS NA PLANTA.

03 – CIMENTO PORTLAND PARA PEÇAS DE FORMA MAIS FINA, VIGAS, PILARES E LAJES.

04 – CAA – CLASSE DE AGRESSIVIDADE.

05 – AS PEÇAS PODEM CONTER ALGUNS TIPOS DE CONCRETO ESTRUTURAL.

06 – RECOBRIMENTO COMO ESPECIFICADO:
- PILARES = 2,5cm
- FUNDOS = 2cm
- VIGAS = 2cm
- LAJES = 2cm
- PAREDES = 1,5cm

07 – NÍVEL DA LAJE = CINTA.

08 – LISTA DE QUANTIDADES APRESENTADA COM RELAÇÃO À BASE DE CUBETAS DISPONÍVEIS.

Ministério da Educação

FNDE Fundo Nacional de Desenvolvimento da Educação

PROINFÂNCIA – ESPAÇO EDUCATIVO INFANTIL

ENDEREÇO:	
MUNICÍPIO – UF:	
PROPRIETÁRIO:	FUNDO NACIONAL DE DESENVOLVIMENTO DA EDUCAÇÃO - FNDE
AUTORES DO PROJETO:	RICARDO TROVEIRA – CREA/TO-000000F GLAUCYO DE OLIVEIRA SANTOS – CREA/911870/D/GO
RESPONSÁVEL TÉCNICO:	

PROPRIETÁRIO

AUTOR DO PROJETO — CREA-AP-1-CREA/XX

AUTOR DO PROJETO — CREA-AP-2-CREA/XX

RESP. TÉCNICO — CREA

DATA — CREA

ESCALA DE REFERÊNCIA 1:50 — 1:25 — 1:20 — 1:10 — 1:5

PROJETO TIPO B

PROJETO ESTRUTURAL

COEST – Coordenação Geral de Infraestrutura

VIGAS COBERTURA - PRANCHA 4

ES

ESCALA: 1:50 / 1:25

DATA: JULHO/2008

DESENHO: RICARDO

DATA: 15/10/2008

PROJETO:

PRANCHA: 14/28