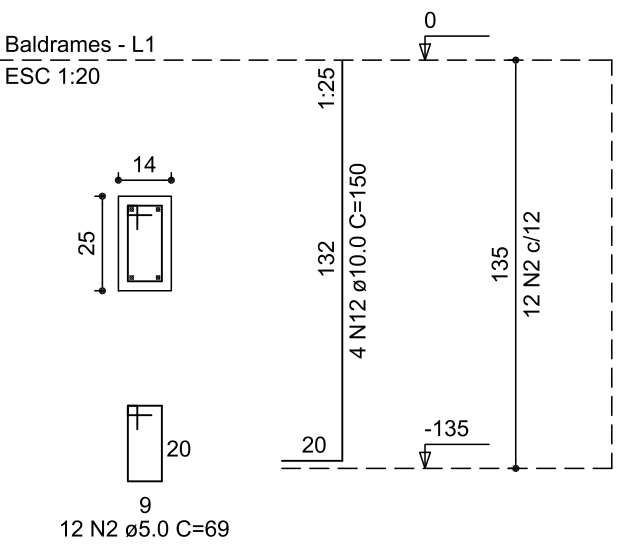


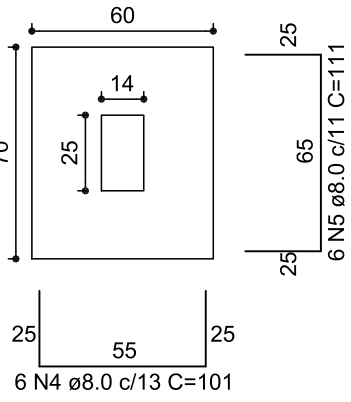
DETALHE - SAPATAS (NÍVEL -135)

P8



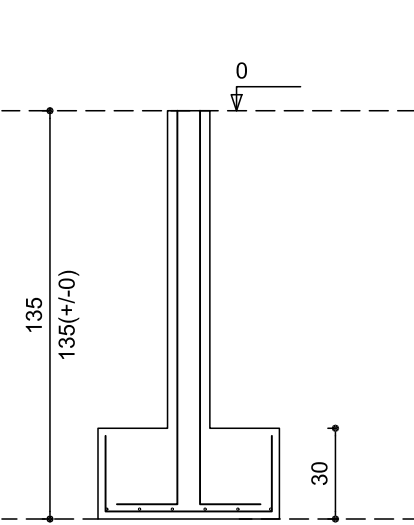
S8

Planta
ESC 1:25

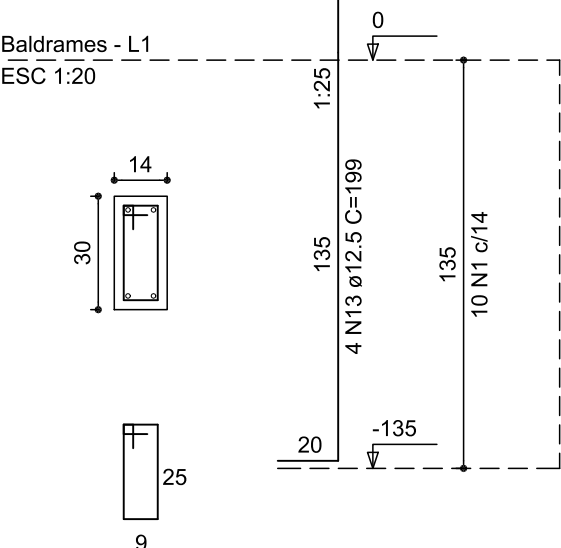


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

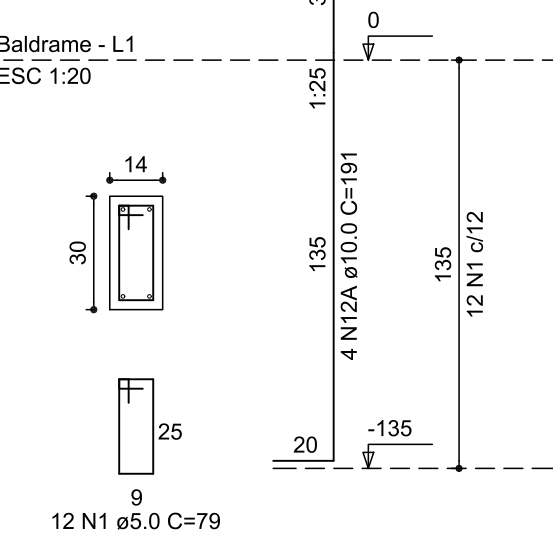
Corte
ESC 1:25



P31=P34

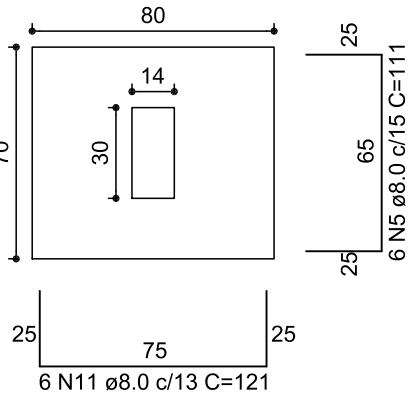


P2C



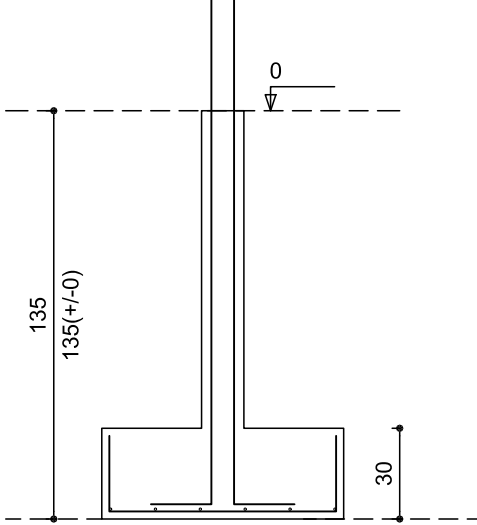
S31=S34=S2C

Planta
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Corte
ESC 1:25



RELAÇÃO DO AÇO

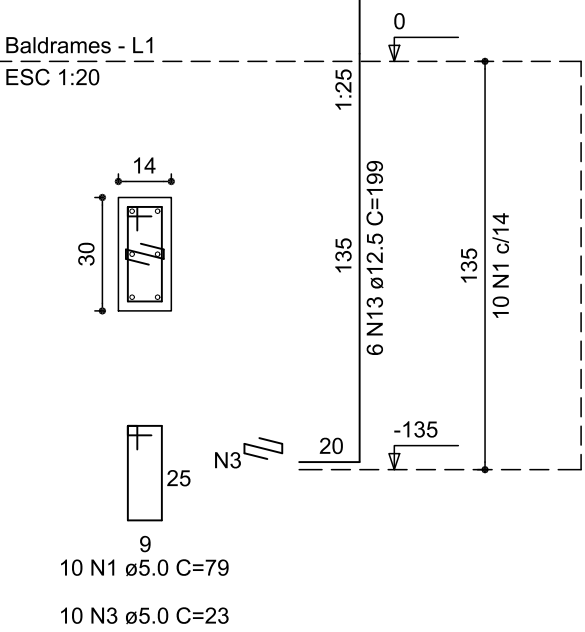
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	196	79	15484
	2	5.0	12	69	828
	3	5.0	30	23	690
	4	8.0	18	101	1818
	5	8.0	36	111	3996
	6	8.0	63	131	8253
	7	8.0	76	141	10716
	8	8.0	21	151	3171
	9	8.0	9	181	1629
	10	8.0	9	191	1719
	11	8.0	18	121	2178
	12	10.0	4	150	600
	12A	10.0	12	191	2292
50	13	12.5	72	199	14328

RESUMO DO AÇO

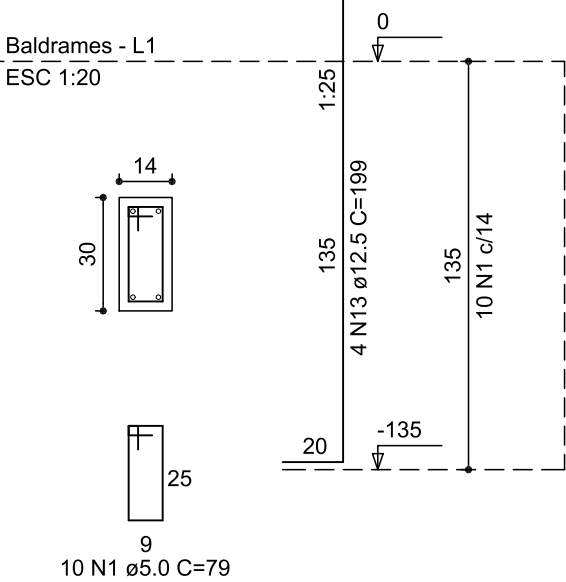
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	8.0	334.8	145.5
	10.0	28.9	19.6
	12.5	143.3	151.8
CA60	5.0	170.0	28.8
PESO TOTAL			
CA50		316.9	
CA60		28.8	

Vol. de concreto total (C-25) = 5.90 m³
Área de forma total = 35.39 m²

P11=P21A

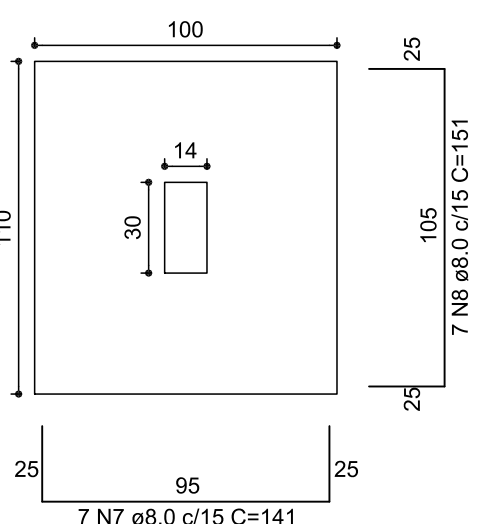


P19=P21



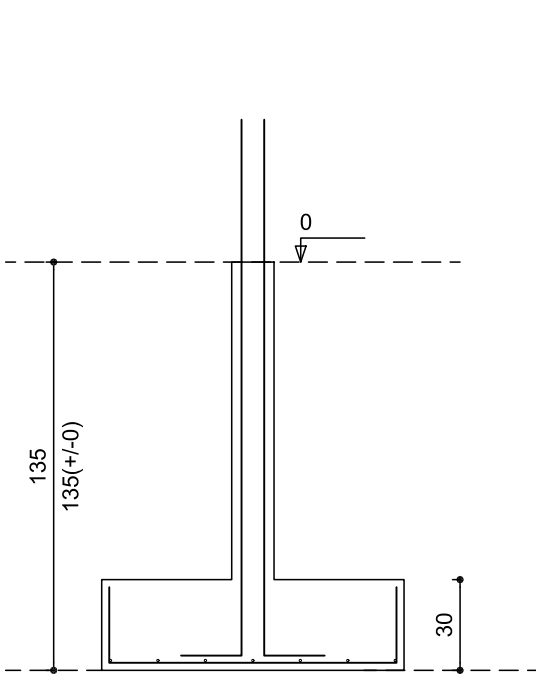
S11=S19=S21=S21A

Planta
ESC 1:25

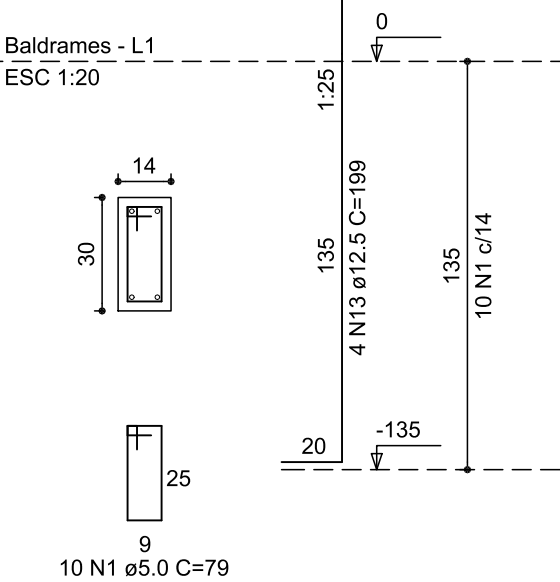


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Corte
ESC 1:25

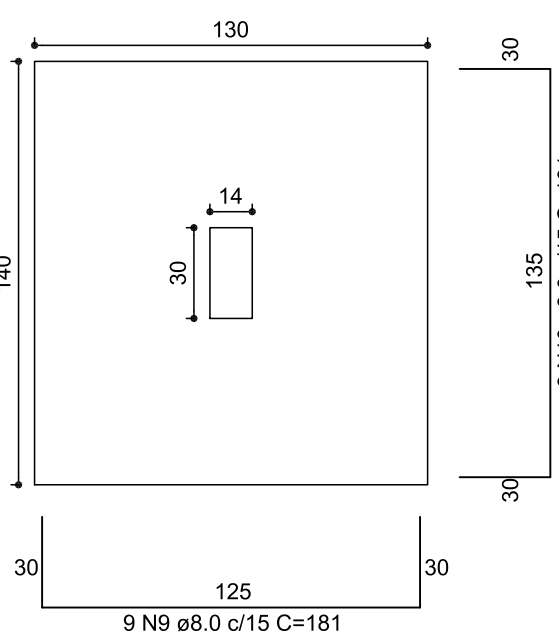


P20



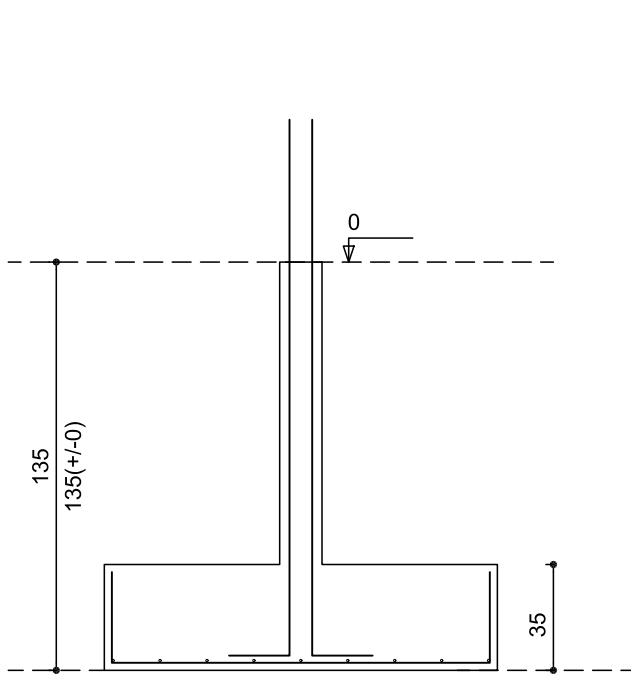
S20

Planta
ESC 1:25

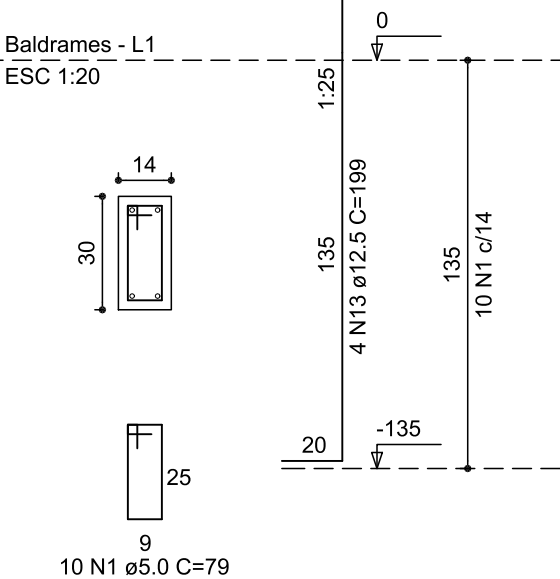


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

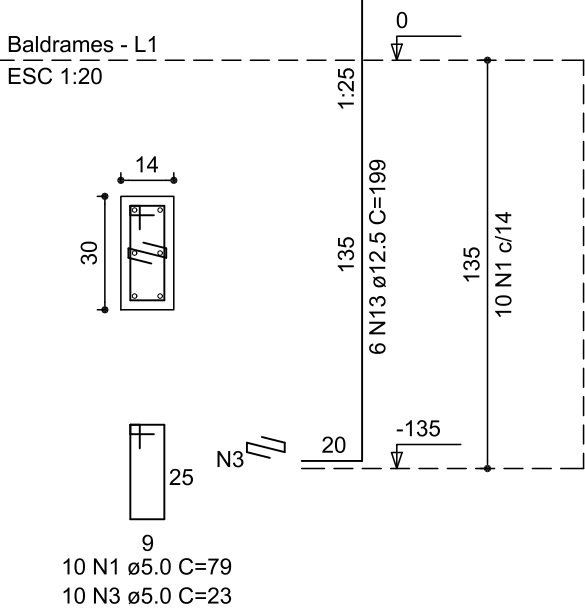
Corte
ESC 1:25



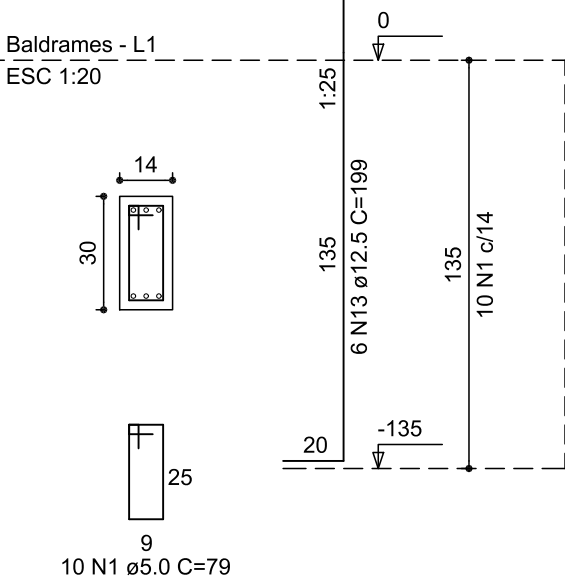
P9=P14=P15=P16=P22=P32=P33



P13

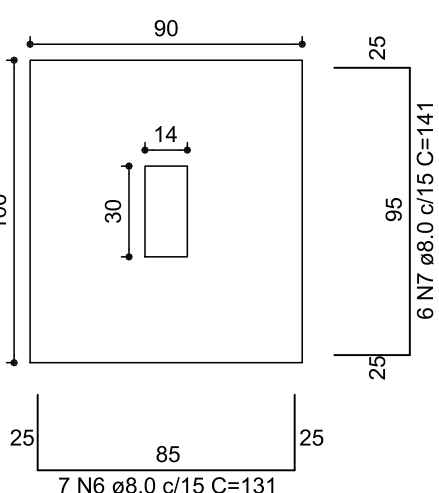


P7



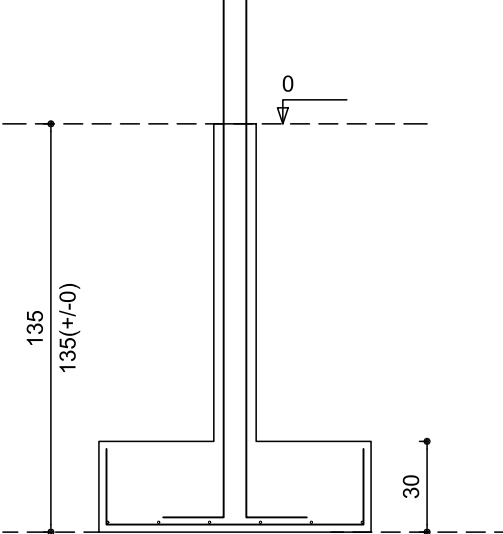
S7=S9=S13=S14=S15=S16=S22=S33=S2C

Planta
ESC 1:25

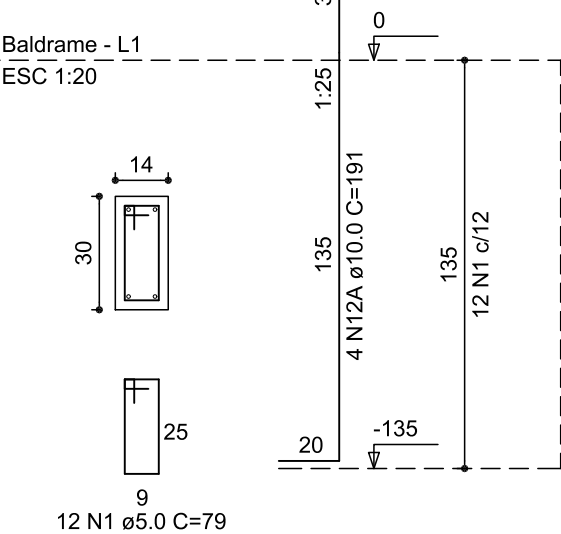


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Corte
ESC 1:25

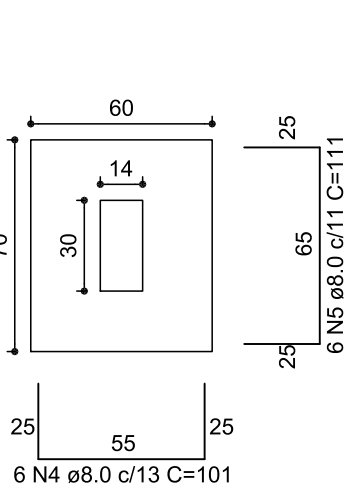


P1C=P3C



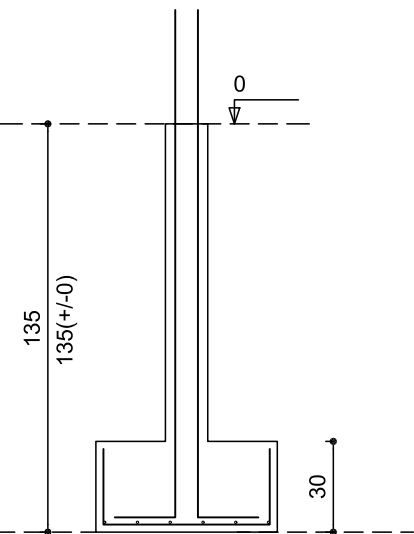
S1C=S3C

Planta
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Corte
ESC 1:25



SECRETARIA ESPECIAL DE OBRAS:		
SECRETÁRIO DE OBRAS:	ENG. CIV. FÁBIO CORREA GASPARETTO	CREASC 087202-5
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FISCALIZAÇÃO DE OBRAS:		
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	ENG. ELETRIC. MATHEUS TOUSSAINT	CREASC 111551-1
CERRO LARGOS:	ENG. CIV. PAULO ROBERTO HENDGES	CREASC 107012
	ENG. CIV. CARLOS ROQUE SCHMIDT	CREASC 43789
ERECIMINS:	ENG. CIV. JULIANA ANA CHARELLO	CREASC 127886
	ENG. CIV. FÁBIO DIETTA	CREAPP 94197-0
REALEZAPF:	ENG. CIV. FABRÍCIO BALESTRIN	CREAPP 127466
DIRETORIA DE PROJETOS - SEG:		
ARG. URB. ADRIANA FREITAS ANDOTT	CAUBR A41125-6	
ARG. URB. WELLINGTON TISCHER	CAUBR A08259-9	
ENG. CIV. RODRIGO EMMER	CREASC 108026-2	
ENG. ELETRIC. SILVIO ANTONIO TESTON	CREASC 094539-8	
ENG. ELETRIC. VICTOR LAZERDA DA SILVA	CREASC 143788-4	
ENG. SANT. ADEMIR TACANI	CREASC 112580-2	
ENG. MEC. DANIEL ESPING	CREASC 114137-1	
TEC. MEC. GIOVANI FAVERO	CREASC 093527-0	
TEC. ELETROTEC. ODESSA VONATTO	CREASC 119381-4	
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CREASC 087202-5
RESPONSÁVEL TÉCNICO UFFS

ENG. CIV. RODRIGO EMMER
CREASC 108026-2
RESPONSÁVEL TÉCNICO

LOCAL: CHAPECÓ / SC	FASE: EXECUTIVO	ESCALA: 1:20 E 1:25
OBRA: COMPLEMENTAÇÃO GALPÃO AGRÍCOLA	REVISÃO Nº: R01	TAMANHO FOLHA: 841x420
PROJETO: PROJETO ESTRUTURAL	DATA: 20/08/2020	Nº PRANCHA:
CONTEÚDO: DETALHE - SAPATAS DETALHE - ESPERA DOS PILARES (NÍVEL 0)	DESENHADO POR: RODRIGO	EST 04 / 09
ENDEREÇO: RODOVIA SC 484, KM 02, BAIRRO FRONTEIRA SUL	NOME DO ARQUIVO: GALP+AGRI_UFFS_CH_PE_PLANTAS+DET+ESTR.DWG	



Emitido em 15/09/2020

F0055 - ANEXO DO EDITAL DE LICITAÇÃO Nº 52/2020 - SEO (10.17.08.23)

(Nº do Protocolo: NÃO PROTOCOLADO)

(Assinado digitalmente em 15/09/2020 22:20)

RODRIGO EMMER

ENGENHEIRO-AREA

DPA (10.17.08.23.12)

Matrícula: 1770862

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