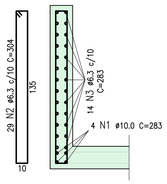
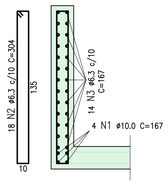
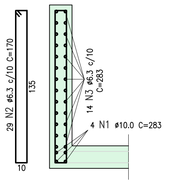
PAREDE 1
ESC.: 1:25



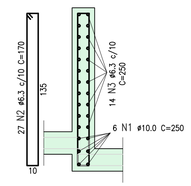
PAREDE 3
ESC.: 1:25



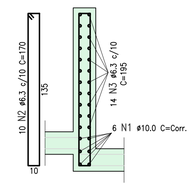
PAREDE 8 = PAREDE 9
ESC.: 1:25



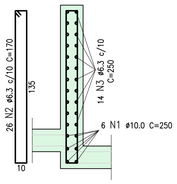
PAREDE 2
ESC.: 1:25



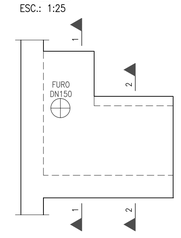
PAREDE 4
ESC.: 1:25



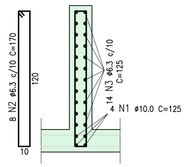
PAREDE 6 = PAREDE 7
ESC.: 1:25



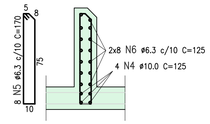
PAREDE 5
ESC.: 1:25



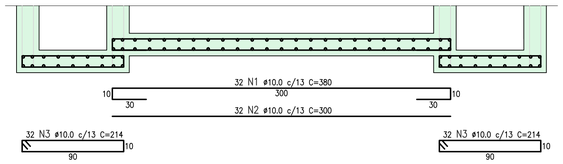
CORTE 1–1
ESC.: 1:25



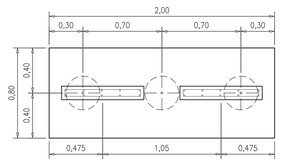
CORTE 2–2
ESC.: 1:25



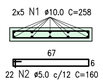
ARMAÇÃO DA LAJE DE FUNDO
ESC.: 1:25



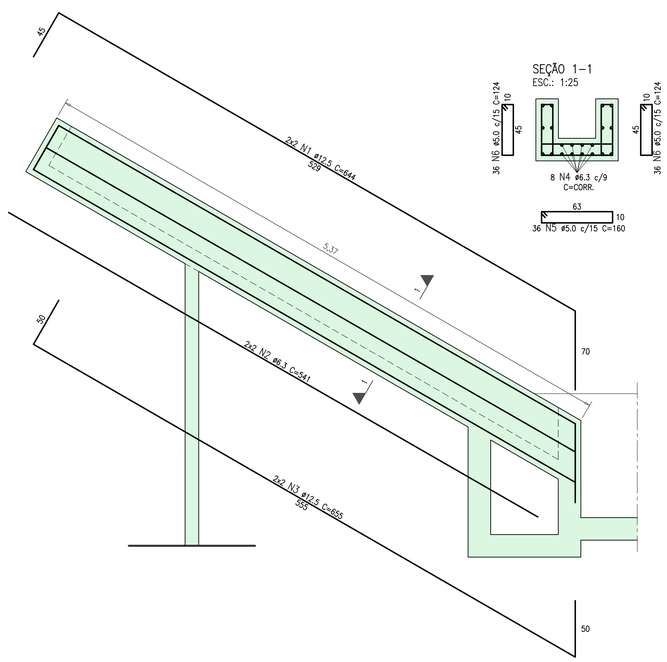
ARMAÇÃO DO PILAR (x2)
ESC.: 1:25



ARMAÇÃO DO PILAR (x2)
ESC.: 1:25

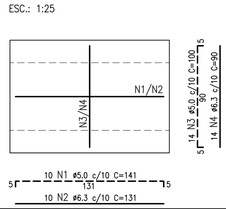


CORTE A–A
ESC.: 1:25

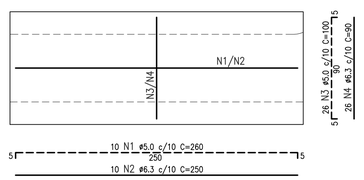


SEÇÃO 1–1
ESC.: 1:25

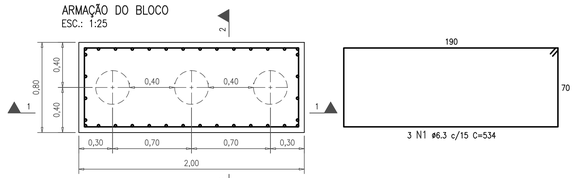
LAJE 1
ESC.: 1:25



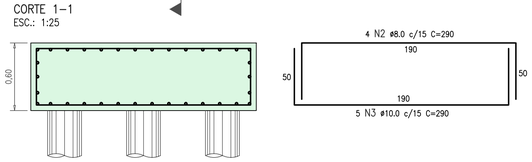
LAJE 2
ESC.: 1:25



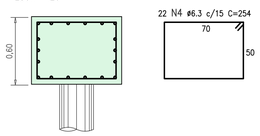
ARMAÇÃO DO BLOCO
ESC.: 1:25



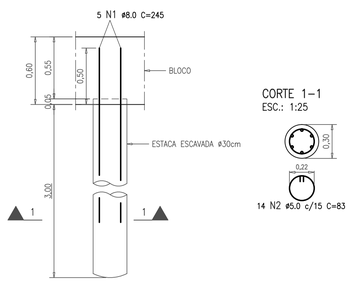
CORTE 1–1
ESC.: 1:25

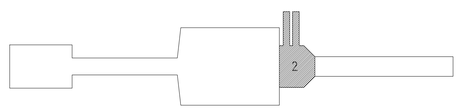


CORTE 2–2
ESC.: 1:25



ARMAÇÃO DAS ESTACAS ⌀30cm
ESC.: 1:25





PLANTA ESQUEMÁTICA – MÓDULO 2
SEM ESC.

TABELA DE FERROS

AÇO	POS.	Ø (mm)	QUANT.	COMPRIMENTO UNIT. (cm)	COMPRIMENTO TOTAL (cm)
PAREDE 1					
CA50	1	10.0	4	283	1132
CA50	2	6.3	29	304	8816
CA50	3	6.3	14	283	3962
PAREDE 2					
CA50	1	10.0	6	250	1500
CA50	2	6.3	27	170	4590
CA50	3	6.3	14	250	3500
PAREDE 3					
CA50	1	10.0	4	167	668
CA50	2	6.3	18	304	5472
CA50	3	6.3	14	167	2338
PAREDE 4					
CA50	1	10.0	6	195	1170
CA50	2	6.3	20	170	3400
CA50	3	6.3	14	195	2730
PAREDE 5					
CA50	1	10.0	4	125	500
CA50	2	6.3	8	170	1360
CA50	3	6.3	14	125	1750
CA50	4	10.0	4	125	500
CA50	5	6.3	8	170	1360
CA50	6	6.3	16	125	2000
PAREDE 6 = PAREDE 7					
CA50	1	10.0	12	250	3000
CA50	2	6.3	52	170	8840
CA50	3	6.3	28	250	7000
PAREDE 8 = PAREDE 9					
CA50	1	10.0	8	283	2264
CA50	2	6.3	58	170	9860
CA50	3	6.3	28	283	7924
ARMAÇÃO DA LAJE DE FUNDO					
CA50	1	10.0	32	380	12160
CA50	2	10.0	32	300	9600
CA50	3	10.0	64	214	13696
ARMAÇÃO DO PILAR					
CA50	1	10.0	20	258	5160
CA50	2	5.0	44	160	7040
ARMAÇÃO DO BLOCO DE FUNDAÇÃO					
CA50	1	6.3	3	534	1602
CA50	2	8.0	4	290	1160
CA50	3	10.0	5	290	1450
CA50	4	6.3	22	254	5588
ARMAÇÃO DAS ESTACAS (x3)					
CA50	1	8.0	15	245	3675
CA50	2	5.0	42	83	3486
LAJE 1					
CA50	1	5.0	10	141	1410
CA50	2	6.3	10	131	1310
CA50	3	5.0	14	100	1400
CA50	4	6.3	14	90	1260
LAJE 2					
CA50	1	5.0	10	260	2600
CA50	2	6.3	10	250	2500
CA50	3	5.0	26	100	2600
CA50	4	6.3	26	90	2340

RESUMO DO AÇO

AÇO	Ø (mm)	COMPRIMENTO (m)	PESO (Kg + 10%)
CA50	5,0	185,36	80,54
CA50	6,3	895,02	388,89
CA50	8,0	48,35	21,01
CA50	10,0	528,00	229,42

VOLUME TOTAL DE CONCRETO	12,52m³
ÁREA TOTAL DE FORMA	89,31m²

REVISÃO

Nº	DATA	DISCRIMINAÇÃO	AUTORIA	APROVAÇÃO	DOCUMENTO
00	01/14	EMISSÃO			

NOTAS

- DIMENSÕES DAS FERRAGENS EM CENTÍMETROS.
- CONCRETO Fck = 40MPa.
- MÓDULO DE DEFORMAÇÃO DO CONCRETO (Ec) > 30,1 GPa (28 DIAS).
- FATOR ÁGUA/CIMENTO 0,60 e UTILIZAR CIMENTO CP–III OU CP–IV.
- COBRIMENTO DAS ARMADURAS:
  GERAL = mín. 5cm
- VERIFICAR NÍVEIS NO PROJETO HIDRÁULICO.

APROVAÇÃO EXTERNA:

RESPONSÁVEL:

DATA:

senha engenharia

			RUBRICA
DATA: 06/17	DES.	Pedro Henrique Barbosa	
	PROJ.	Guilherme de Paula Guimarães CREA nº 12.730/D–GO	
	DES.	Luciano de Sá CREA nº 12.980/D–GO	
	COORD.	Porfírio José Borges Alves Neto CREA nº 7.792/D–GO	

CONTRATO–PROJETO: 13–0001

IDENTIFICAÇÃO: C T E T E C A D 0 5 E 0 0

11ª Avenida, Nº 817, Setor Universitário, Goiânia, Goiás – Fone (62)3202–4777 – E–mail: senha@senha.eng.br

Sae – Superintendência Municipal de Água e Esgoto de Catalão
RUA KAVEFFES ABRÃO, Nº 660 – SETOR LEÃO – Bº SÃO FRANCISCO CEP:75.707–230 – CATALÃO – GO
FONE:(064) 3442–6832/3442–7236/3442–7038

LOCAL/CIDADE:	CATALÃO
CONTEÚDO:	AMPLIAÇÃO DO SISTEMA DE ESGOTO SANITÁRIO PROJETO EXECUTIVO
	ESTAÇÃO DE TRATAMENTO DE ESGOTO
	ESTRUTURAL MÓDULO 2 ARMAÇÕES – 1/1
SUPERINTENDENTE:	Fernando Vaz de Ulhôa
Fiscal do Projeto:	Engª Laryssa Chrystyna P. Antunes – CREA 7.426/D–GO
ORIGEM:	SENHA
NÚMERO DE ORIGEM:	CT/E/T/ECA/D05
HISTÓRICO(alteração):	E00
ESCALA:	1:25
FOLHA:	05/41
NÚMERO DO ARQUIVO:	