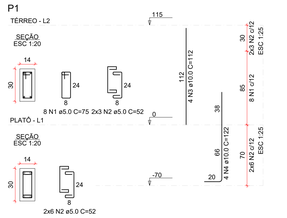
P1



RELAÇÃO DO AÇO

P1-L2
P2-L1
P4-L2

P1-L1
P3-L2

P2-L2
P3-L1

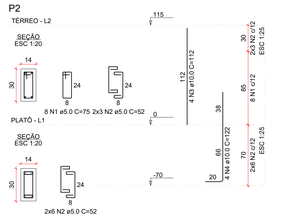
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	75	2400
CA50	2	5.0	72	52	3744
	3	10.0	16	112	1792
	4	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	61.4	10.4
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.4		

Volume de concreto (C-25) = 0.24 m³
Área de forma = 5.10 m²

P2



RELAÇÃO DO AÇO

P5-L2
P6-L1
P8-L2

P5-L1
P7-L2
P8-L1

P6-L2
P7-L1

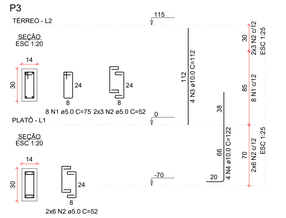
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	75	2400
CA50	2	5.0	72	52	3744
	3	10.0	16	112	1792
	4	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	61.4	10.4
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.4		

Volume de concreto (C-25) = 0.24 m³
Área de forma = 5.10 m²

P3



RELAÇÃO DO AÇO

P9-L2
P10-L1
P21-L2

P9-L1
P20-L2
P21-L1

P10-L2
P20-L1

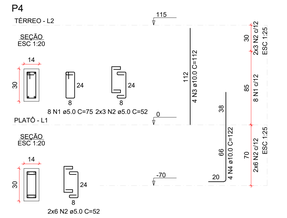
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	24	75	1800
	2	5.0	54	52	2808
	3	5.0	8	85	680
	4	5.0	18	62	1116
CA50	5	10.0	16	112	1792
	6	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	64	10.9
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.9		

Volume de concreto (C-25) = 0.27 m³
Área de forma = 5.25 m²

P4



RELAÇÃO DO AÇO

P22-L2
P23-L1
P25-L2

P22-L1
P24-L2
P25-L1

P23-L2
P24-L1

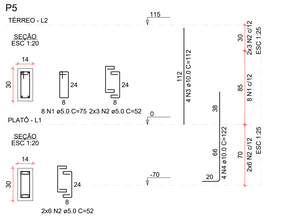
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	56	85	4760
CA50	2	5.0	24	62	1488
	3	10.0	16	112	1792
	4	10.0	16	VAR	VAR

RESUMO DO AÇO

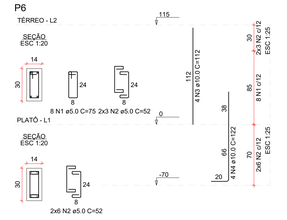
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	62.5	10.6
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.6		

Volume de concreto (C-25) = 0.33 m³
Área de forma = 5.68 m²

P5



P6



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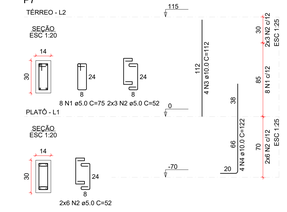

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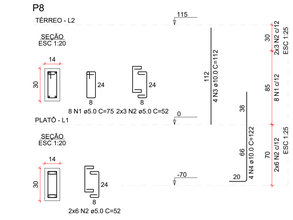

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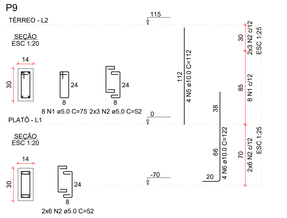

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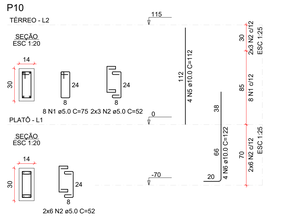

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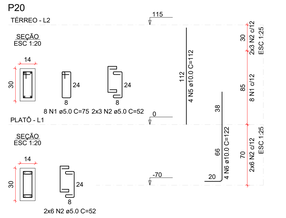

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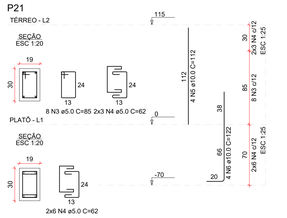

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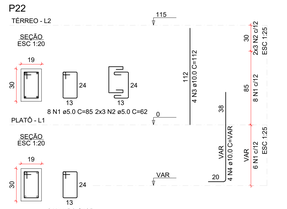

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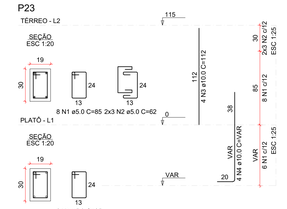

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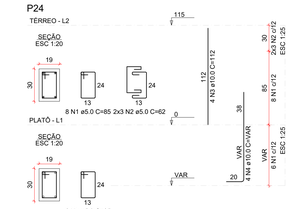

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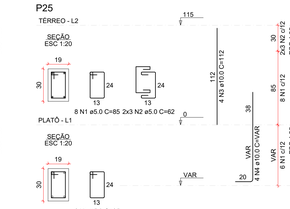

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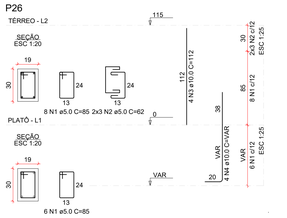

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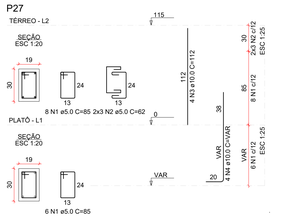

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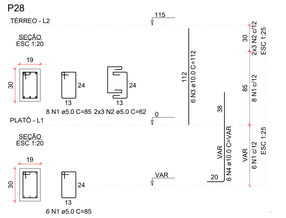

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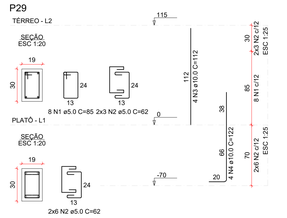

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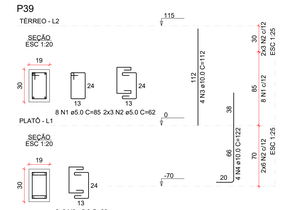

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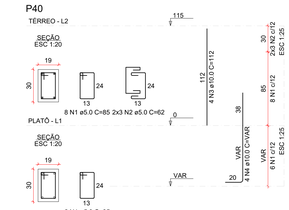

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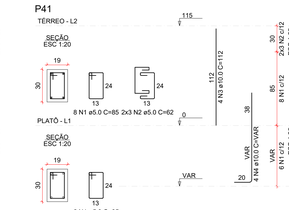

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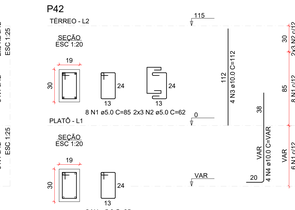

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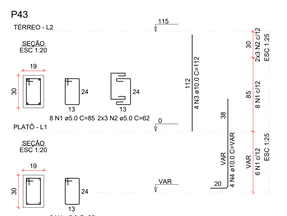

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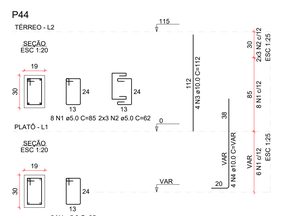

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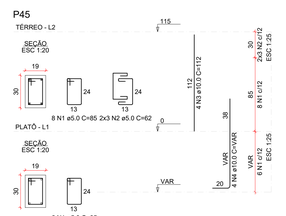

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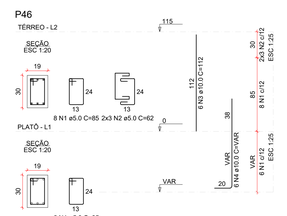

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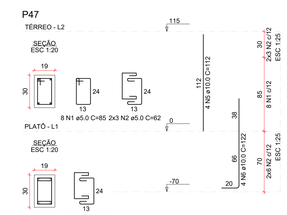

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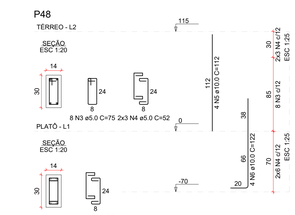

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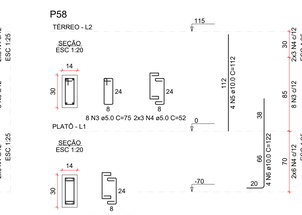

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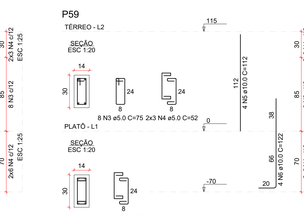

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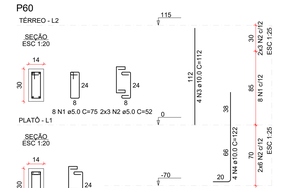

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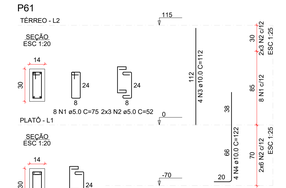

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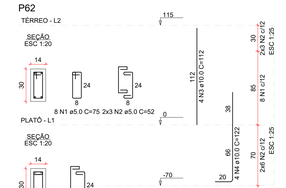

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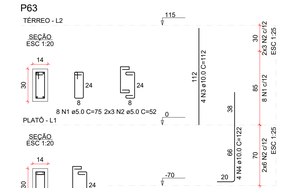

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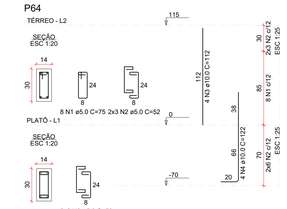

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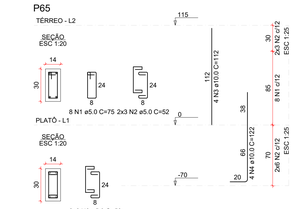

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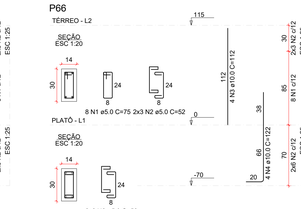

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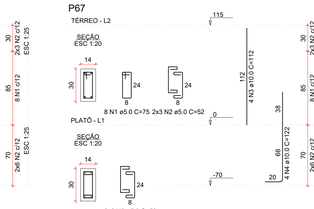

RELAÇÃO DO AÇO

P43-L2
P44-L1
P46-L2

P43-L1
P45-L2
P46-L1

P44-L2
P45-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	85	680
	2	5.0	18	62	1116
	3	5.0	24	75	1800
	4	5.0	54	52	2808
CA50	5	10.0	16	112	1792
	6	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	42.1	28.6
CA60	5.0	62.5	10.6
PESO TOTAL (kg)			
CA50	28.6		
CA60	10.6		

Volume de concreto (C-25) = 0.33 m³
Área de forma = 5.68 m²

RELAÇÃO DO AÇO

P47-L2
P48-L1
P59-L2

P47-L1
P58-L2
P59-L1

P48-L2
P58-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	85	680
	2	5.0	18	62	1116
	3	5.0	24	75	1800
	4	5.0	54	52	2808
CA50	5	10.0	16	112	1792
	6	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	64	10.9
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.9		

Volume de concreto (C-25) = 0.27 m³
Área de forma = 5.25 m²

RELAÇÃO DO AÇO

P60-L2
P61-L1
P67-L2

P60-L1
P62-L2
P63-L1

P61-L2
P62-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	75	2400
CA50	2	5.0	72	52	3744
	3	10.0	16	112	1792
	4	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	61.4	10.4
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.4		

Volume de concreto (C-25) = 0.24 m³
Área de forma = 5.10 m²

RELAÇÃO DO AÇO

P64-L2
P65-L1
P67-L1

P64-L1
P66-L2
P67-L1

P65-L2
P66-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	32	75	2400
CA50	2	5.0	72	52	3744
	3	10.0	16	112	1792
	4	10.0	16	122	1952

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	37.4	25.4
CA60	5.0	61.4	10.4
PESO TOTAL (kg)			
CA50	25.4		
CA60	10.4		

Volume de concreto (C-25) = 0.24 m³
Área de forma = 5.10 m²

CARIMBO DE APROVAÇÕES :

PREFEITURA DE CATALÃO
Cidade que sonha e faz.

LICENGE ENGENHARIA & CONSULTORIA

TIPO DE USO :

PROJETO CEASA CATALÃO - ATACADISTA

ESTRUTURAL

ENDEREÇO DA OBRA :
ARCO VIÁRIO, KM 2, ZONA RURAL, CATALÃO - GO

PROPRIETÁRIO :
PREFEITURA MUNICIPAL DE CATALÃO - GO
CNPJ: 01.505.643/0001-50

AUTOR DO PROJETO :
ENGº. SAMUEL GONÇALVES CARRILHO CREA nº.1015865852D - GO

Nº DA PRANCHA :
10/14

RESPONSÁVEL TÉCNICO :
ENGº. SAMUEL GONÇALVES CARRILHO CREA nº.1015865852D - GO

DESCRIÇÃO
* PILARES

ÁREAS :
Verificar planta de arquitetura.

ESCALA : INDICADAS

DATA : 13 / 03 / 2023

DESENHO : SAYONARA (64) 3443-1688

REVISÃO :