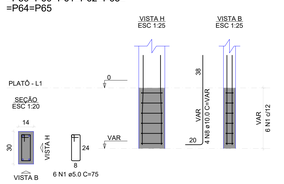
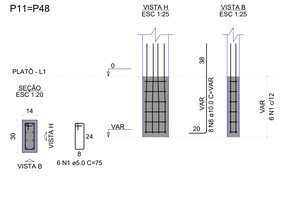
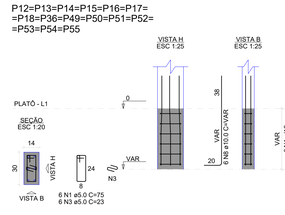
P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P10=P37=P47=P57=P58=
=P59=P60=P61=P62=P63=
=P64=P65




P11=P48




P12=P13=P14=P15=P16=P17=
=P18=P36=P49=P50=P51=P52=
=P53=P54=P55

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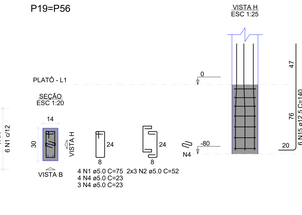


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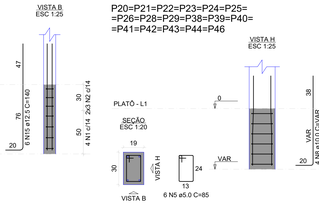
=P26=P28=P29=P38=P39=P40=
=P41=P42=P43=P44=P46




RELAÇÃO DO AÇO

| | | | | | |
|---|---|---|---|---|---|
| 40xP1-L2 | | 42xP1-L1 | | 4xP11-L4 | |
| 4xP11-L3 | | 4xP11-L2 | | 4xP11-L1 | |
| 30xP12-L3 | | 30xP12-L2 | | 30xP12-L1 | |
| 4xP19-L3 | | 4xP19-L2 | | 4xP19-L1 | |
| 32xP29-L2 | | 34xP29-L1 | | 4xP27-L2 | |
| 4xP27-L1 | | 2xP29-L3 | | 2xP29-L2 | |
| 14xP30-L3 | | 14xP30-L2 | | 12xP30-L1 | |

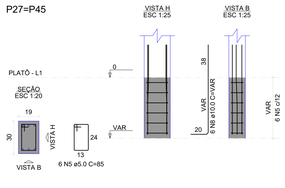
| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 2508 | 75 | 188100 |
| | 2 | 5.0 | 1016 | 52 | 52832 |
| | 3 | 5.0 | 1290 | 23 | 29670 |
| | 4 | 5.0 | 156 | 23 | 3588 |
| | 5 | 5.0 | 576 | 85 | 48960 |
| | 6 | 5.0 | 244 | 62 | 15128 |
| CA50 | 7 | 10.0 | 312 | 112 | 34944 |
| | 8 | 10.0 | 540 | VAR | VAR |
| | 9 | 10.0 | 32 | 297 | 9504 |
| | 10 | 10.0 | 276 | 338 | 93288 |
| | 11 | 10.0 | 276 | 153 | 42228 |
| | 12 | 10.0 | 48 | VAR | VAR |
| | 13 | 12.5 | 24 | 347 | 8328 |
| | 14 | 12.5 | 24 | 162 | 3888 |
| | 15 | 12.5 | 24 | 140 | 3360 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|---|---|---|---|
| CA50 | 10.0 | 2519.4 | 1708.6 |
| | 12.5 | 155.8 | 165 |
| CA60 | 5.0 | 3382.8 | 573.6 |
| PESO TOTAL (kg) | | | |
| CA50 | 1873.6 | | |
| CA60 | 573.6 | | |

Volume de concreto (C-25) = 18.6 m³
Área de forma = 373,28 m²

P27=P45

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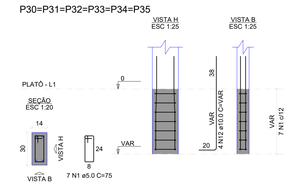
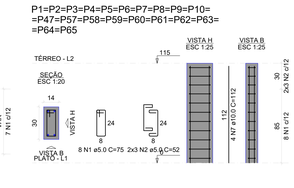



P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=
=P47=P57=P58=P59=P60=P61=P62=P63=
=P64=P65

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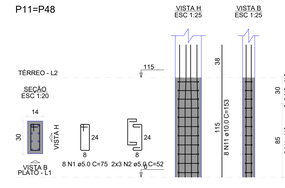
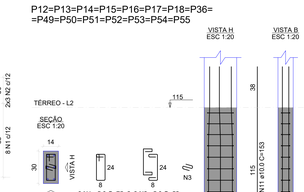



P12=P13=P14=P15=P16=P17=P18=P36=P49=P50=P51=P52=P53=P54=P55

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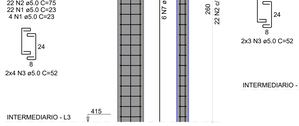
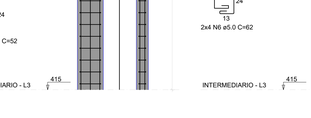
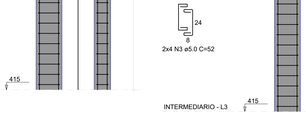



P20=P21=P22=P23=P24=P25=P26=P28=
=P38=P39=P40=P41=P42=P43=P44=P46



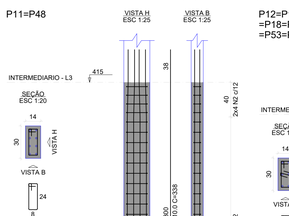

P27=P45




P29

P30=P31=P32=P33=P34=P35

P11=P48




P12=P13=P14=P15=P16=P17=
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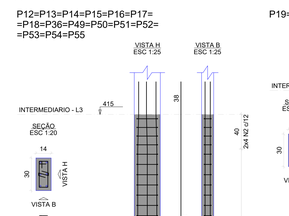


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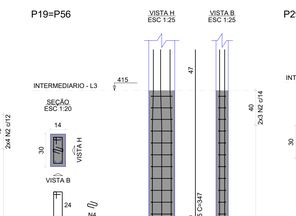
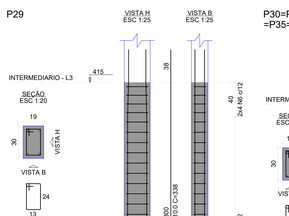



P29




P30=P31=P32=P33=P34=
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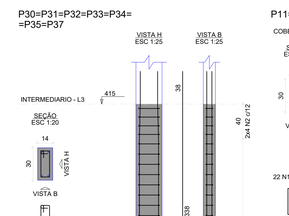
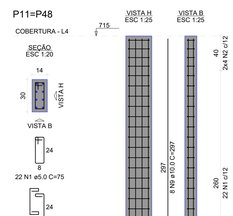



P11=P48




P12=P13=P14=P15=P16=P17=
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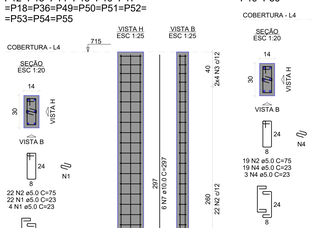
=P53=P54=P55

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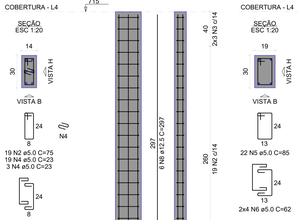
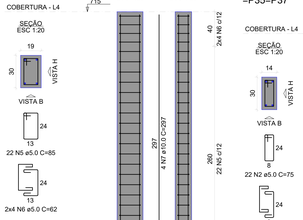



P29




P30=P31=P32=P33=P34=
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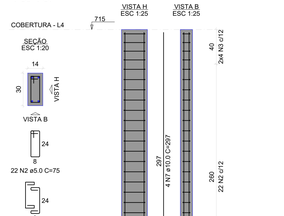


RELAÇÃO DO AÇO

30xP12 4xP19 2xP29
14xP30

| AÇO | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA60 | 1 | 5.0 | 780 | 23 | 17940 |
| | 2 | 5.0 | 1044 | 75 | 78300 |
| | 3 | 5.0 | 376 | 52 | 19552 |
| | 4 | 5.0 | 88 | 23 | 2024 |
| | 5 | 5.0 | 44 | 85 | 3740 |
| | 6 | 5.0 | 16 | 62 | 992 |
| CA50 | 7 | 10.0 | 244 | 297 | 72468 |
| | 8 | 12.5 | 24 | 297 | 7128 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10% (kg) |
|---|---|---|---|
| CA50 | 10.0 | 724.6 | 491.4 |
| | 12.5 | 71.2 | 75.6 |
| CA60 | 5.0 | 1225.4 | 207.8 |
| PESO TOTAL (kg) | | | |
| CA50 | 567 | | |
| CA60 | 207.8 | | |

Volume de concreto (C-25) = 6.38 m³
Área de forma = 132.6 m²

CARIMBO DE APROVAÇÕES :

PREFEITURA DE CATALÃO
Cidade que sonha e faz.

LICENGE ENGENHARIA & CONSULTORIA

TIPO DE USO :
PROJETO CEASA CATALÃO

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. 1015865852/D-GO

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

Nº DA PRANCHA : 10/15

DESCRIÇÃO :
* Pilares

ÁREAS :
Verificar planta de arquitetura.

| ESCALA : | DATA : | DESENHO : | REVISÃO : |
|---|---|---|---|
| INDICADAS | 28/07/2022 | SAYONARA (64)3443-1688 | |