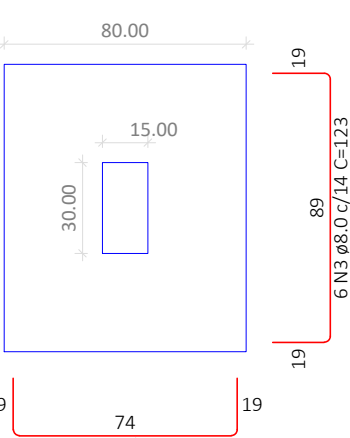
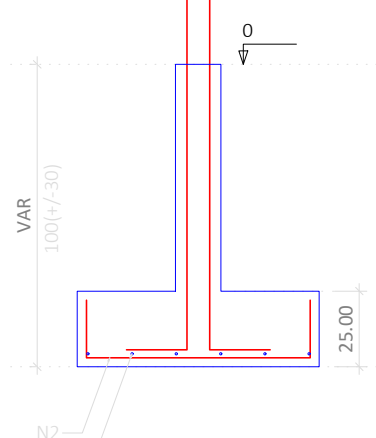


S11=S13=S16=S20=S21=S34=S35=S38=S39=S46
=S47=S48

PLANTA
ESC 1:25

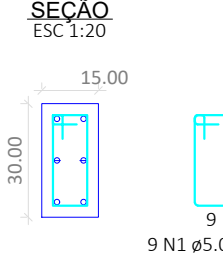


CORTE
ESC 1:25

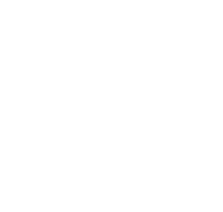


P13=P20=P21

BALDRAME - L1
ESC 1:20

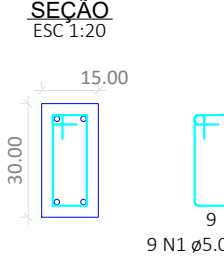


SEÇÃO
ESC 1:20



P11=P34=P35

BALDRAME - L1
ESC 1:25

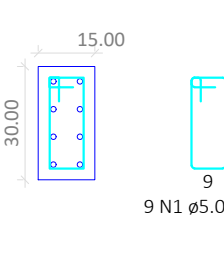


SEÇÃO
ESC 1:20



P16

BALDRAME - L1
ESC 1:25

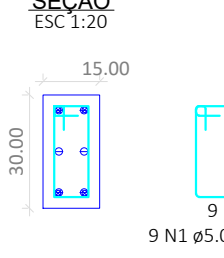


SEÇÃO
ESC 1:20

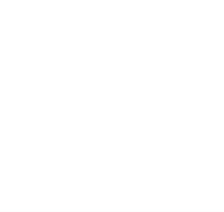


P38=P47

BALDRAME - L1
ESC 1:25

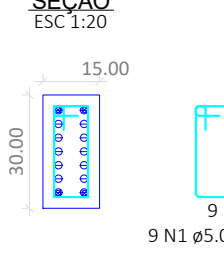


SEÇÃO
ESC 1:20



P39

BALDRAME - L1
ESC 1:25



SEÇÃO
ESC 1:20



RELAÇÃO DO AÇO

| | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|-------|---|-----------|-------|-------------|--------------|
| 3xP11 | 1 | 5.0 | 108 | 77 | 8316 |
| 2xP38 | 2 | 8.0 | 84 | 108 | 9072 |
| P48 | 3 | 8.0 | 72 | 123 | 8856 |
| | 4 | 10.0 | 40 | VAR | 1350 |
| | 5 | 10.0 | 18 | 75 | VAR |
| | 6 | 10.0 | 12 | 26 | VAR |
| | 7 | 12.5 | 26 | 94 | 2444 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 0% (kg) |
|------|-----------|-------------|----------------|
| CA50 | 8.0 | 88.1 | 70.7 |
| CA50 | 10.0 | 12.5 | 54.3 |
| CA60 | 5.0 | 83.2 | 12.8 |

PESO TOTAL (kg)

CA50 148.6

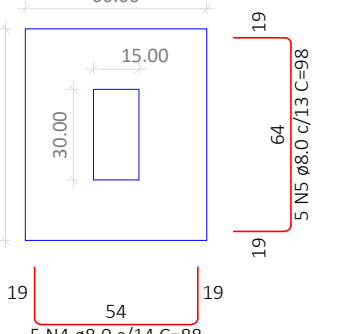
CA60 12.8

Volume de concreto (C-25) = 2.82 m³

Área de forma = 21.30 m²

S1=S18

PLANTA
ESC 1:25

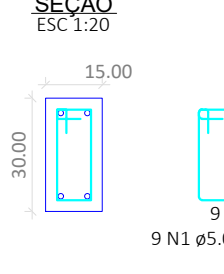


CORTE
ESC 1:25



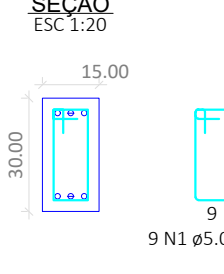
P1

BALDRAME - L1
ESC 1:20



P18

BALDRAME - L1
ESC 1:25



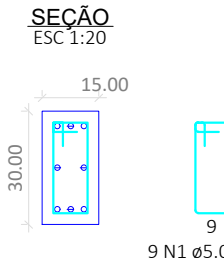
P2=P10=P19=P23=P24=P28=
=P29=P50

BALDRAME - L1
ESC 1:25



P46

BALDRAME - L1
ESC 1:25

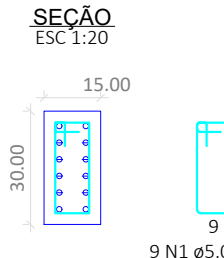


SEÇÃO
ESC 1:20



P48

BALDRAME - L1
ESC 1:25

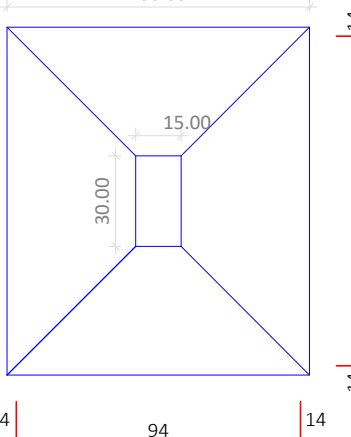


SEÇÃO
ESC 1:20



S17=S41

PLANTA
ESC 1:25

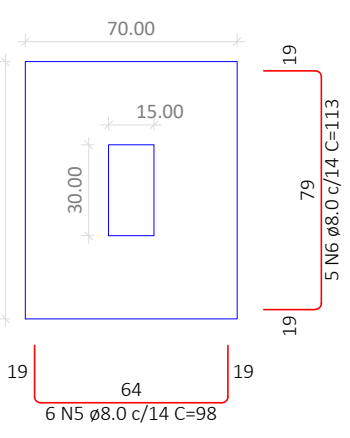


CORTE
ESC 1:25



S2=S6=S8=S10=S14=S19=S22=S23=S24=S25
=S28=S29=S50

PLANTA
ESC 1:25

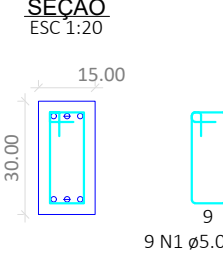


CORTE
ESC 1:25



P6=P14=P22

BALDRAME - L1
ESC 1:20

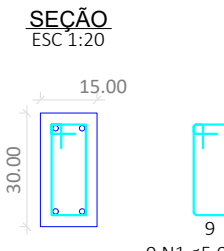


SEÇÃO
ESC 1:20



P2=P10=P19=P23=P24=P28=
=P29=P50

BALDRAME - L1
ESC 1:25

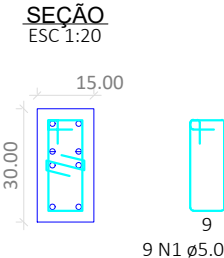


SEÇÃO
ESC 1:20



P25

BALDRAME - L1
ESC 1:25

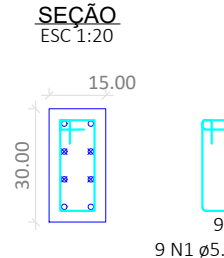


SEÇÃO
ESC 1:20



P8

BALDRAME - L1
ESC 1:25

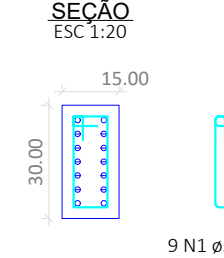


SEÇÃO
ESC 1:20

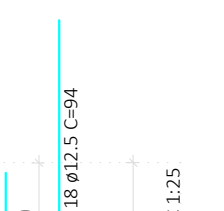


P17

BALDRAME - L1
ESC 1:20

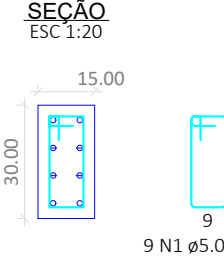


SEÇÃO
ESC 1:20

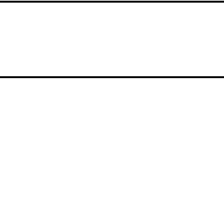


P41

BALDRAME - L1
ESC 1:25

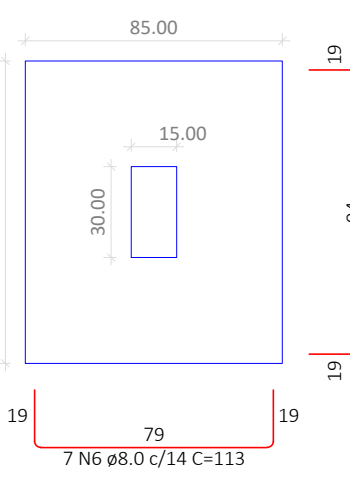


SEÇÃO
ESC 1:20



S3=S4=S5=S7=S9=S15=S30=S31=S32=S33=S40
=S44=S45=S49

PLANTA
ESC 1:25

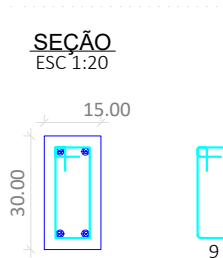


CORTE
ESC 1:25

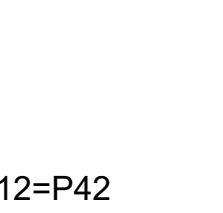


P15

BALDRAME - L1
ESC 1:20

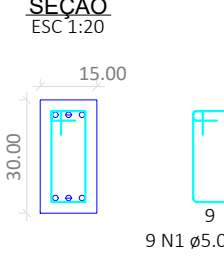


SEÇÃO
ESC 1:20



P30=P31=P45

BALDRAME - L1
ESC 1:25

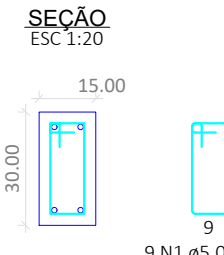


SEÇÃO
ESC 1:20

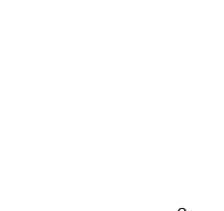


P3=P4=P5=P7=P9=P32=P33=
=P44

BALDRAME - L1
ESC 1:25

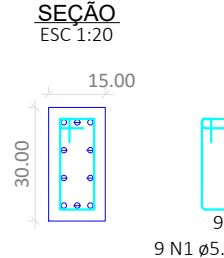


SEÇÃO
ESC 1:20



P40

BALDRAME - L1
ESC 1:25

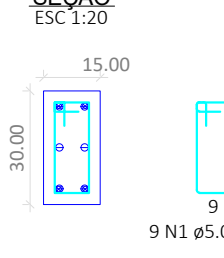


SEÇÃO
ESC 1:20



P49

BALDRAME - L1
ESC 1:25



SEÇÃO
ESC 1:20



RELAÇÃO DO AÇO

| | N | DIAM (mm) | QUANT | C.UNIT (cm) | C.TOTAL (cm) |
|-------|----|-----------|-------|-------------|--------------|
| P1 | 1 | 5.0 | 333 | 77 | 25641 |
| 3xP6 | 2 | 5.0 | 18 | 24 | 432 |
| P8 | 3 | 8.0 | 10 | 87 | 780 |
| P15 | 4 | 8.0 | 10 | 88 | 880 |
| P25 | 5 | 8.0 | 88 | 98 | 8624 |
| 3xP30 | 6 | 8.0 | 163 | 113 | 18419 |
| P36 | 7 | 8.0 | 32 | 123 | 3936 |
| P49 | 8 | 8.0 | 28 | 133 | 3724 |
| 4xS27 | 9 | 8.0 | 84 | 128 | 10752 |
| 2xS41 | 10 | 8.0 | 27 | 133 | 3591 |
| | 11 | 8.0 | 10 | 148 | 1480 |
| | 12 | 8.0 | 18 | 118 | 2124 |
| | 13 | 8.0 | 12 | 95 | 1116 |
| | 14 | 8.0 | 10 | 108 | 1080 |
| | 15 | 10.0 | 134 | VAR | VAR |
| | 16 | 10.0 | 36 | 75 | 2700 |
| | 17 | 10.0 | 26 | VAR | VAR |
| | 18 | 12.5 | 34 | 94 | 3196 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 0% (kg) |
|------|-----------|-------------|----------------|
| CA50 | 8.0 | 557.3 | 219.9 |
| CA50 | 10.0 | 261.1 | 161 |
| CA60 | 5.0 | 268.6 | 30.8 |

PESO TOTAL (kg)

CA50 411.7

CA60 41.4

Volume de concreto (C-25) = 9.05 m³

Área de forma = 66.78 m²

S26=S43