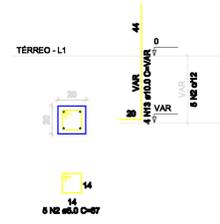
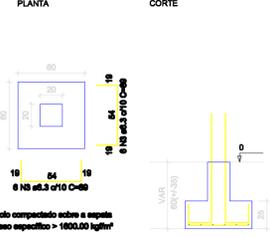


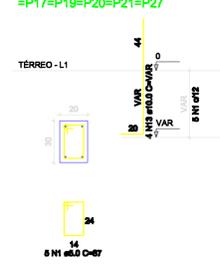
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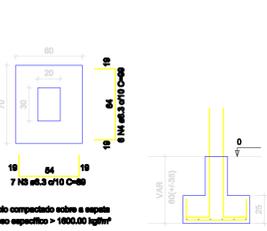
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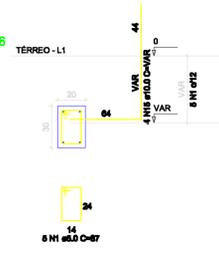
P1=P2=P3=P4=P5=P6=P7=P9=P13=P14=P15=P16  
=P17=P19=P20=P21=P22



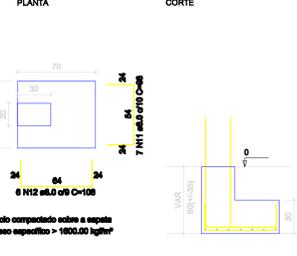
S1=S2=S3=S4=S5=S6=S7=S9=S13=S14=S15=S16  
=S17=S19=S20=S21=S27



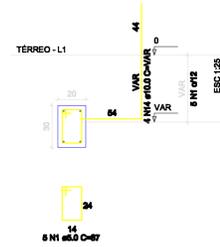
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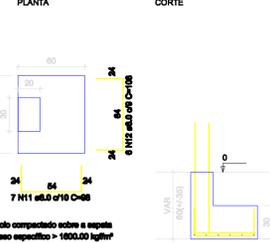
S23



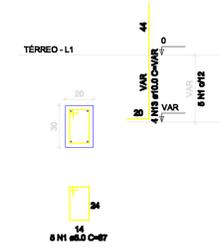
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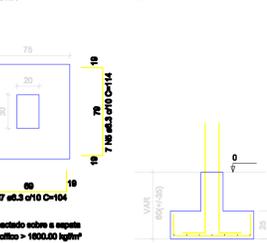
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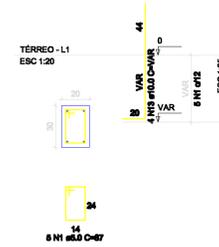
P28



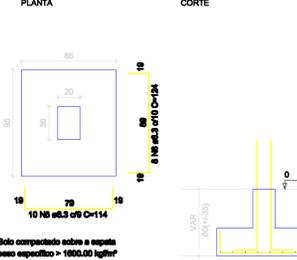
S28



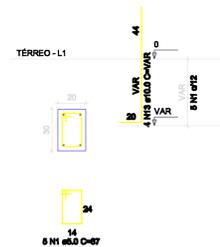
P18



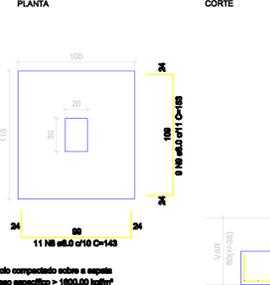
S18



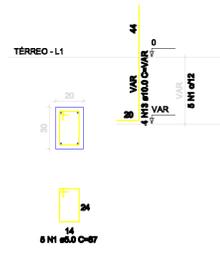
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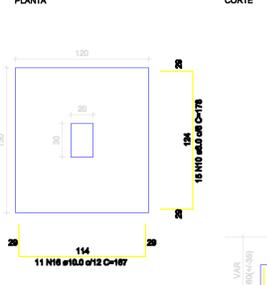
S11



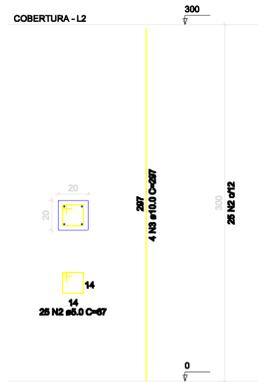
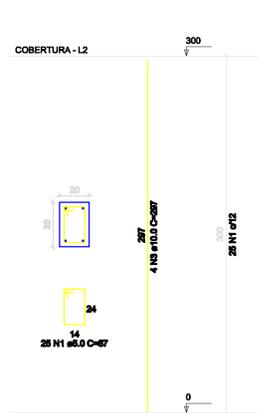
P12



S12



P1=P2=P3=P4=P5=P6=P7=P9=P11=P12=P13=P14P8=P10  
=P15=P16=P17=P18=P19=P20=P21=P22=P23  
=P24=P25=P26=P27=P28



RELAÇÃO DO AÇO

| 25xP1 | 2xP8 |      |     |      |         |
|-------|------|------|-----|------|---------|
| AÇO   | N    | DIAM | Q   | UNIT | C.TOTAL |
| 80    | 1    | 5.0  | 850 | 87   | 69200   |
| 80    | 2    | 5.0  | 50  | 87   | 3350    |
| 80    | 3    | 10.0 | 112 | 297  | 33294   |

RESUMO DO AÇO

| AÇO        | DIAM | C.TOTAL | PESO+10% |
|------------|------|---------|----------|
| CABO       | 10.0 | 332.6   | 225.7    |
| CABO       | 5.0  | 602.5   | 102.0    |
| PESO TOTAL |      | 225.7   |          |
|            |      | 102.0   |          |

Vol. de concreto total (C-20) = 4.92 m³  
Área de forma total = 52.80 m²

RELAÇÃO DO AÇO

| 17xP1 | 2xP8  | P11   |
|-------|-------|-------|
| P12   | P18   | 4xP22 |
| 2xS10 | S11   | S12   |
| S18   | 4xS22 | S23   |

| AÇO | N  | DIAM | Q   | UNIT | C.TOTAL |
|-----|----|------|-----|------|---------|
| 80  | 1  | 5.0  | 120 | 87   | 11310   |
| 80  | 2  | 5.0  | 10  | 87   | 670     |
| 80  | 3  | 5.0  | 143 | 89   | 12727   |
| 80  | 4  | 5.3  | 102 | 89   | 10358   |
| 80  | 5  | 5.3  | 17  | 114  | 1988    |
| 80  | 6  | 5.3  | 9   | 124  | 982     |
| 80  | 7  | 5.3  | 9   | 104  | 832     |
| 80  | 8  | 5.0  | 11  | 143  | 1573    |
| 80  | 9  | 5.0  | 9   | 153  | 1377    |
| 80  | 10 | 5.0  | 15  | 178  | 2670    |
| 80  | 11 | 5.0  | 35  | 89   | 3430    |
| 80  | 12 | 5.0  | 30  | 108  | 3240    |
| 80  | 13 | 10.0 | 82  | VAR  | VAR     |
| 80  | 14 | 10.0 | 16  | VAR  | VAR     |
| 80  | 15 | 10.0 | 4   | VAR  | VAR     |
| 80  | 16 | 10.0 | 11  | 187  | 1837    |

RESUMO DO AÇO

| AÇO        | DIAM | C.TOTAL | PESO+10% |
|------------|------|---------|----------|
| CABO       | 5.3  | 269.2   | 71.5     |
| CABO       | 5.0  | 133.2   | 83.6     |
| CABO       | 10.0 | 161.9   | 106.9    |
| CABO       | 5.0  | 120.5   | 25.4     |
| PESO TOTAL |      | 236.2   |          |
|            |      | 29.4    |          |

Vol. de concreto total (C-20) = 4.86 m³  
Área de forma total = 57.45 m²

**Fioravante Batista Ballin**  
Prefeito Municipal de Ijuí / RS

**Alexandra de Freitas Lentz**  
Secretária Municipal de Saúde

**Marcello Minelli Junior**  
Engenheiro Civil - SMS  
CREA SC: 099077-7



**MUNICÍPIO DE IJUÍ**  
SECRETARIA MUNICIPAL DE SAÚDE  
RUA ERNESTO ALVES, 349 CENTRO, IJUÍ

PROJETO ESTRUTURAL AMPLIAÇÃO UBS - GLÓRIA - REVISÃO 01

|            |                |                    |                    |
|------------|----------------|--------------------|--------------------|
| Área Total | Escala<br>1:25 | Data<br>JUNHO/2013 | Prancha<br>02 / 07 |
|------------|----------------|--------------------|--------------------|