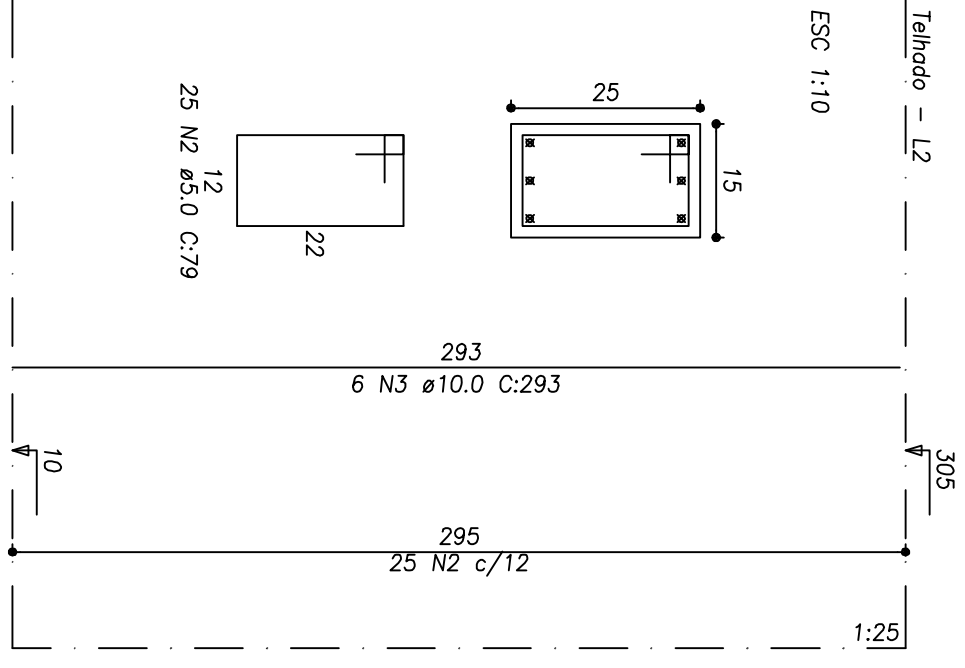
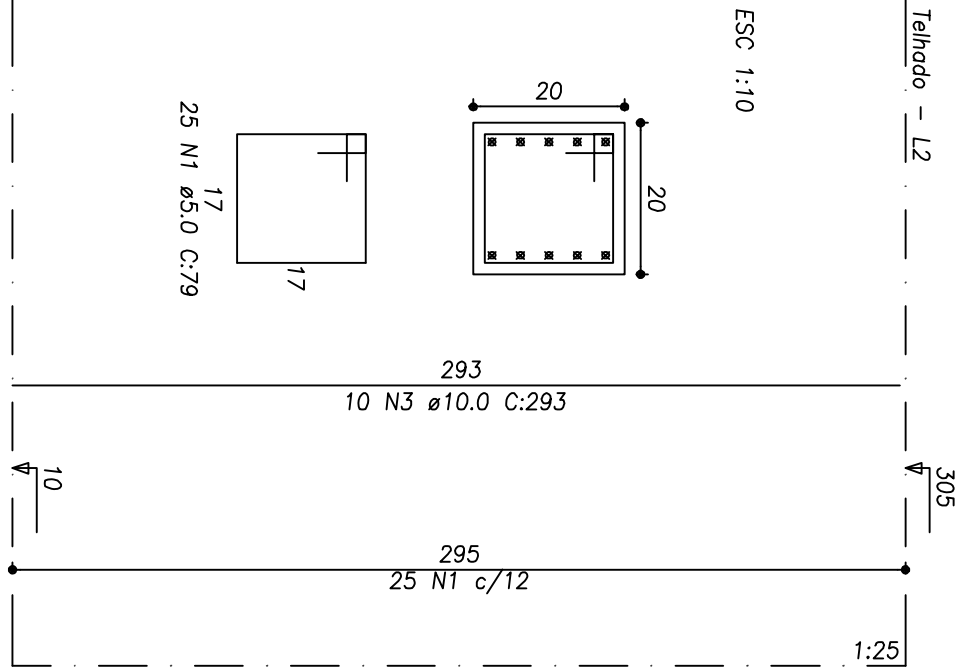
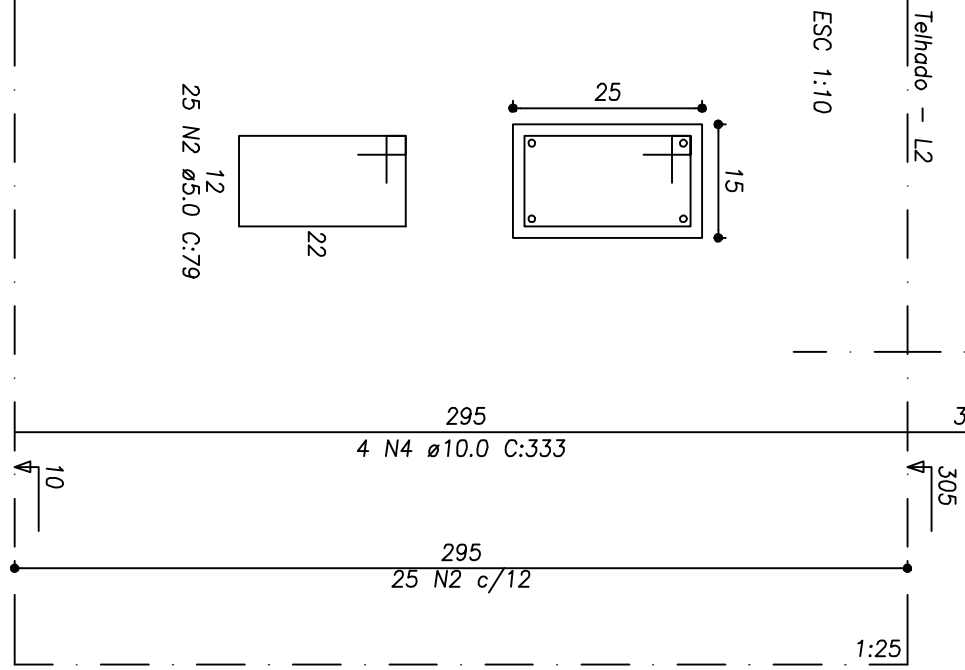
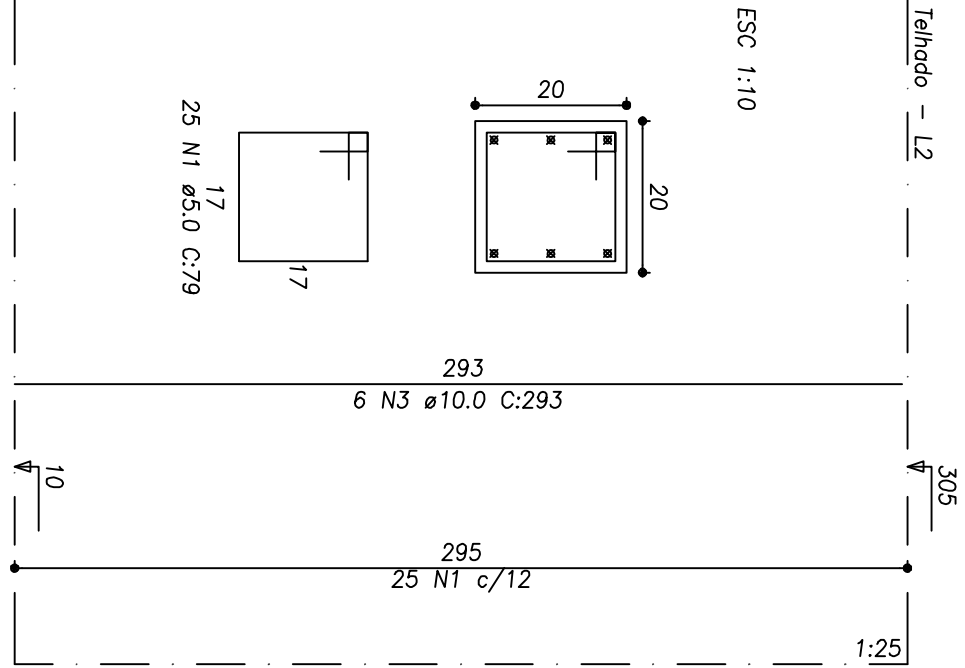
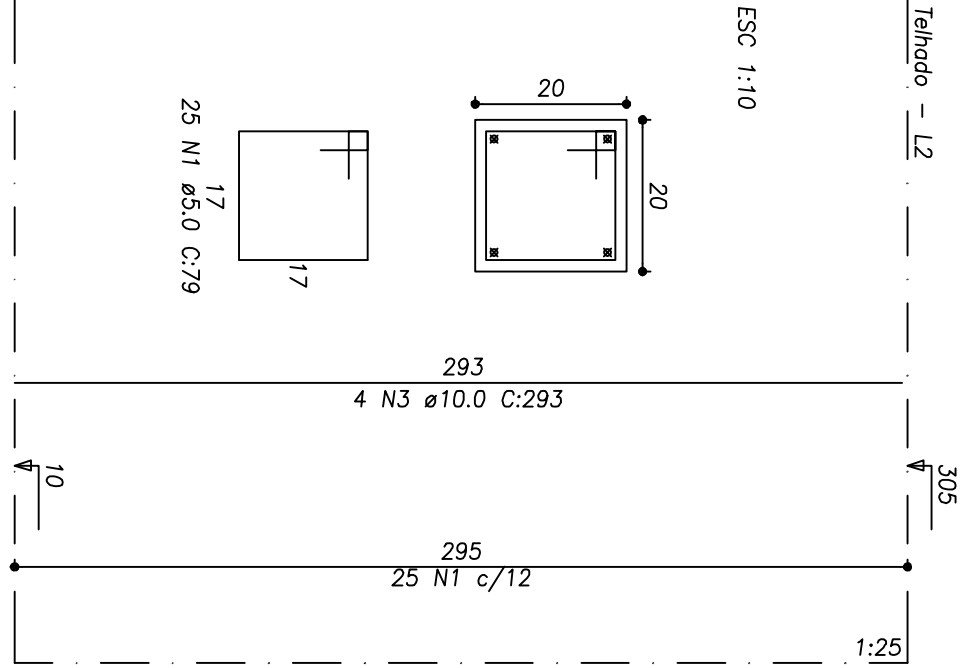


P1=P2=P3=P4=P5=P8=P9=P12=P14=P15=P16 P13=P26=P49
=P17=P18=P21=P22=P23=P24=P25=P27=P39
=P46=P47=P50=P51=P52=P53=P54=P55

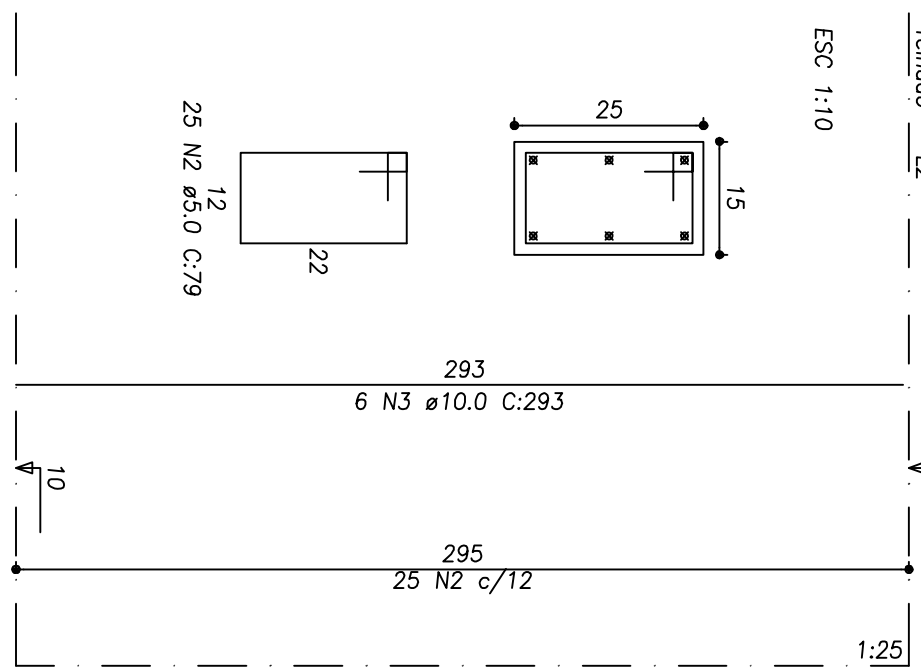
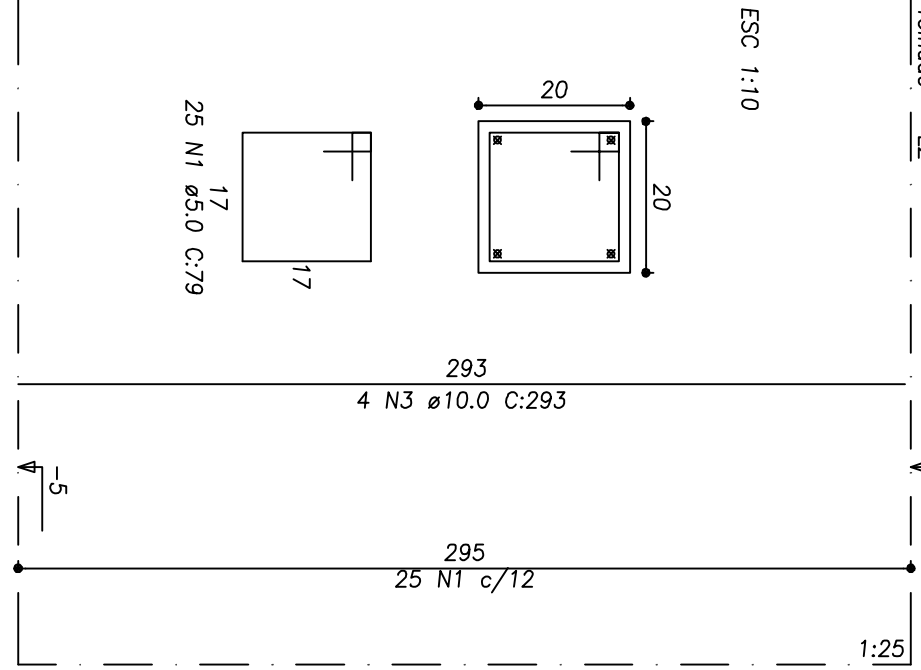
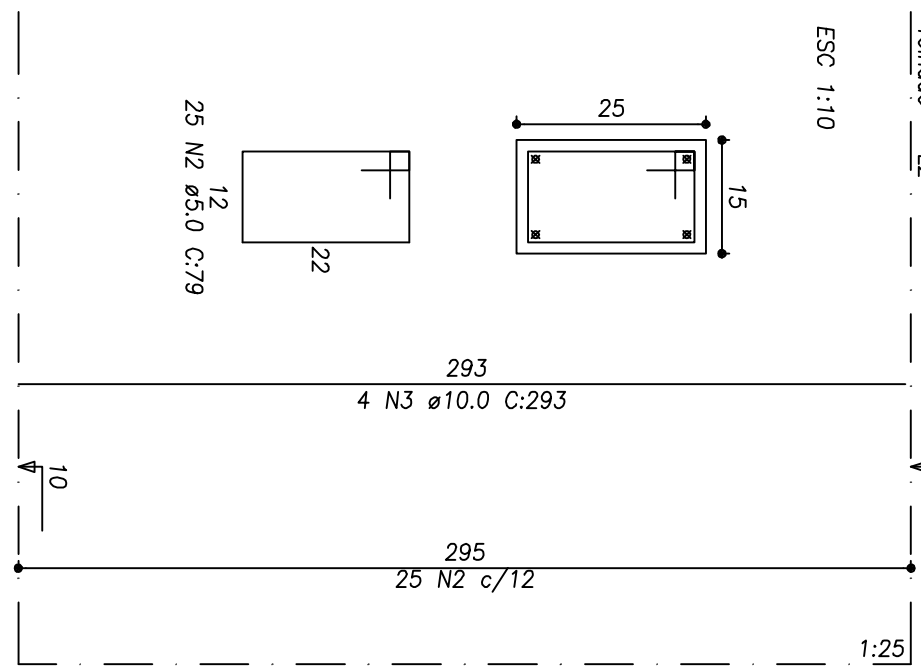
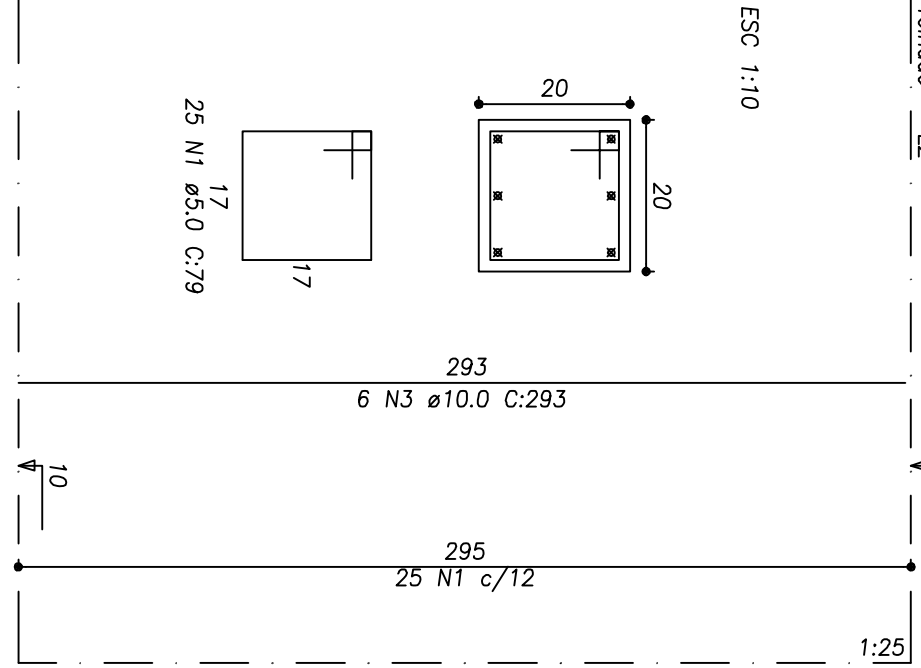


P56

P6=P7=P10=P11=P28=P36=P40=P45

P38

P44



AÇO	N	DIAM	Q	UNIT	C.TOTAL
60	1	5.0	850	79	67150
50	3	10.0	194	293	56842
	4	10.0	36	333	11988

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL	PESO.10%
CASO	10.0	1053.3	456.9
CASO	5.0	1053.3	178.4
PESO TOTAL			466.9
CASO	178.4		


Vol. de concreto total (C-30) = 6,11 m³

Area de formo total = 125,08 m²



TERMO DE CONTRATO: 120/2008-CO

UBS - TIPO 3



SECRETARIA DE OBRAS PÚBLICAS

DEPARTAMENTO DE GESTÃO DE OBRAS DE PRÓPRIOS PÚBLICOS

CENTRO ADMINISTRATIVO FERNANDO FERRARI - AV. BORGES DE MEDeiros N. 1001 - POA-RS

PROJETO DE INSTALAÇÕES HIDROSANITÁRIAS

PRÉDIO DO

ARQ. ODIR BACCARIN

VIST. COORD. PROJ.

ENGR. LUIZ F. S. DA SILVA

DESENHO

RESPONSÁVEL TÉCNICO:

ENGR. MARCELO LUIGIANO FRANCO DA CONCEIÇÃO

CREA-RS 85.218

OBRA

UBS - UNIDADE BÁSICA DE SAÚDE - TIPO 3

ÁREA

MUNICÍPIO

PROJETO

PILARES

ASSUNTO

SUST. TELHADO

FRANCA

ESCALA

INDICADA

DATA

FEVEREIRO - 2010

EP-02

Nº ARQUIVO