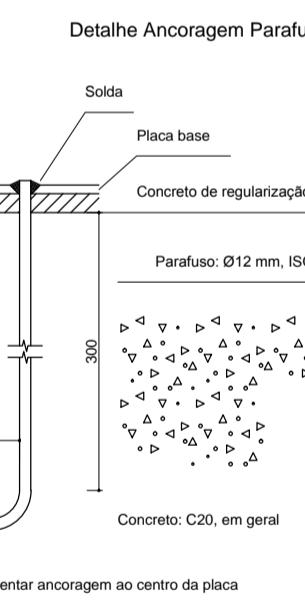
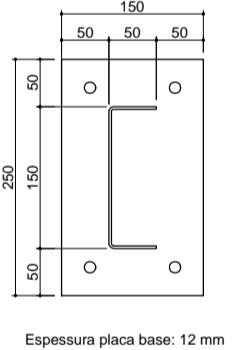
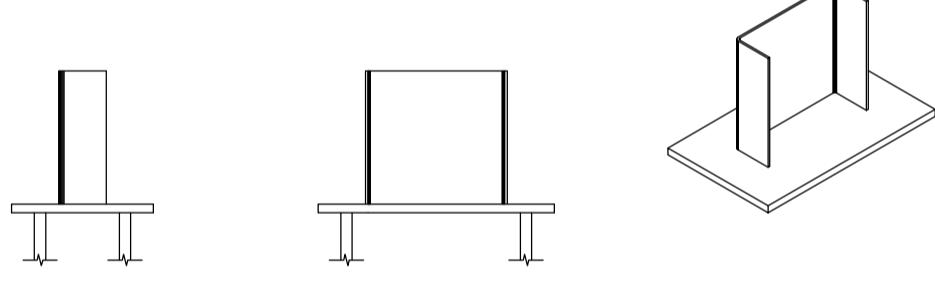


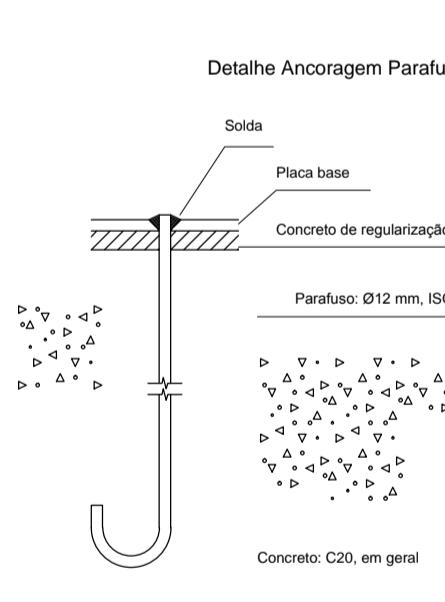
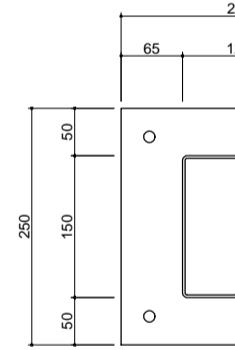
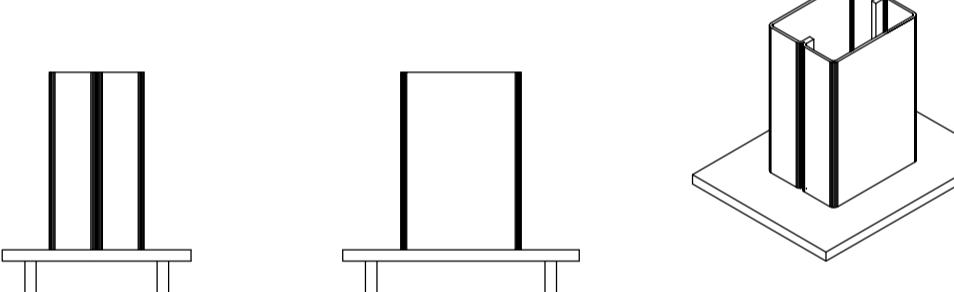
Tipo 18

Dimensões Placa = 150x250x9 mm (A-36)
Parafusos = 4012 mm, ISO 898 C4.6
Ref. placas : P17 E P18
Escala do desenho dos perfis 1 : 10



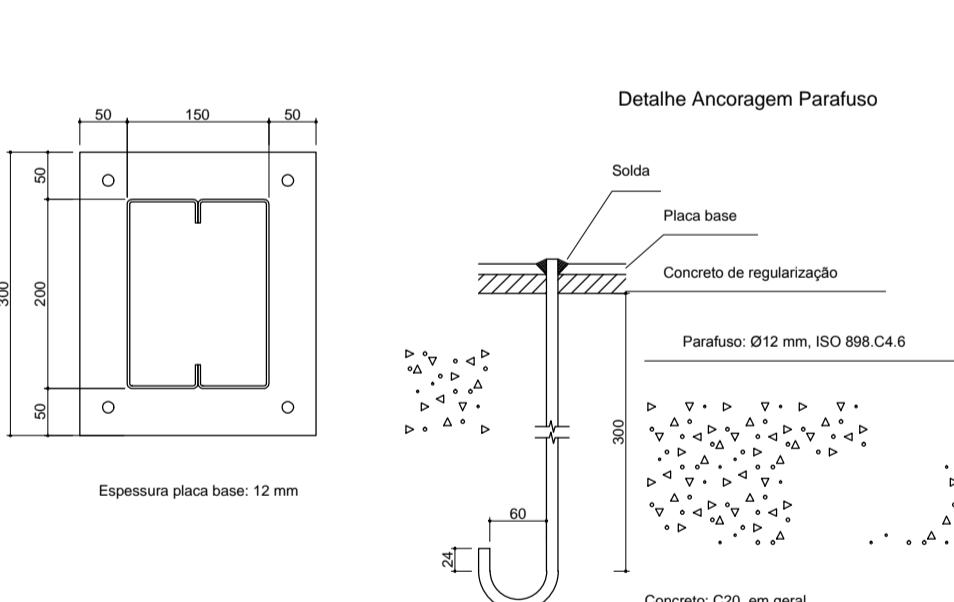
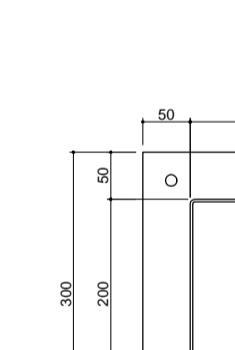
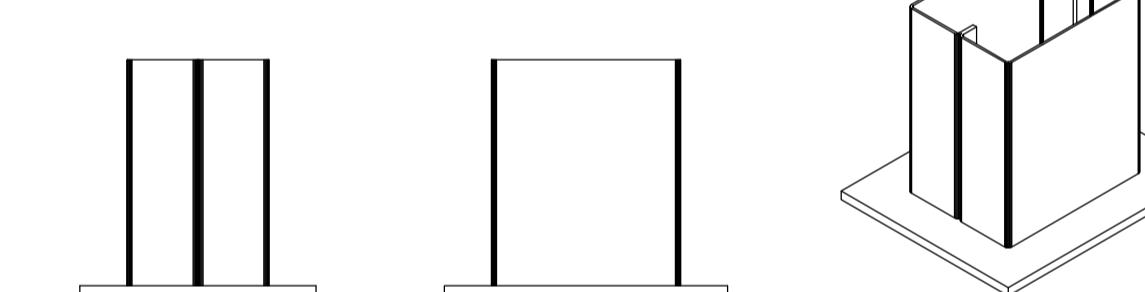
Tipo 19

Dimensões Placa = 250x350x12 mm (A-36)
Parafusos = 4012 mm, ISO 898 C4.6
Ref. placas : P7, P8, P11, P12, P13, P14, P19, P20
Escala do desenho dos perfis 1 : 10



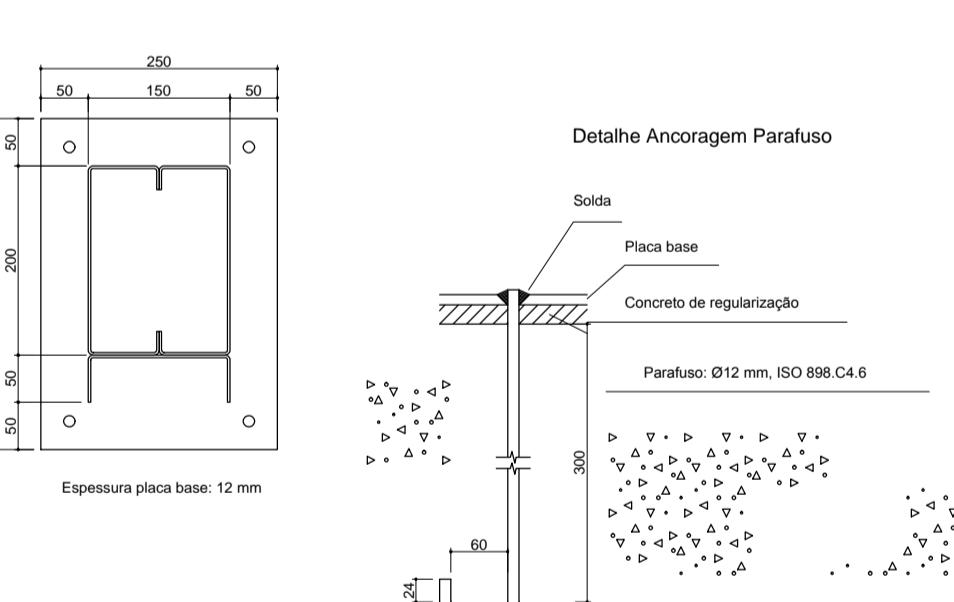
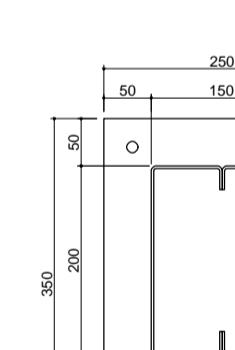
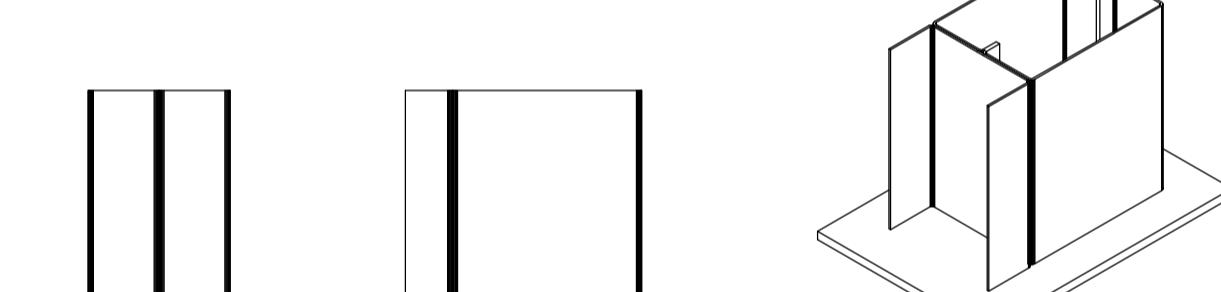
Tipo 20

Dimensões Placa = 250x350x11 mm (A-36)
Parafusos = 4012 mm, ISO 898 C4.6
Ref. placas : P9 E P10
Escala do desenho dos perfis 1 : 10

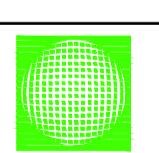


Tipo 21

Dimensões Placa = 250x350x12 mm (A-36)
Parafusos = 4012 mm, ISO 898 C4.6
Ref. placas : P15 E P16
Escala do desenho dos perfis 1 : 10



Quadro de arranques		
Referências	Pernos de Placas de Ancoragem	Dimensão de Placas de Ancoragem
P15 E P16	4 Parafusos Ø 12	Placa base (250x350x12)
P9 E P10	4 Parafusos Ø 12	Placa base (250x350x12)
P17 E P18	4 Parafusos Ø 12	Placa base (150x250x12)
P7, P8, P11, P12, P13, P14, P19, P20	4 Parafusos Ø 12	Placa base (200x250x12)



DEPARTAMENTO ESTADUAL DE TRÂNSITO DE MATO GROSSO DO SUL
DIVISÃO DE ENGENHARIA, MANUTENÇÃO E INFRAESTRUTURA
DETAN MS

OBRA
ENTRADA SEDE DO DETAN

ESTRUTURAL

LOCAL
CAMPO GRANDE MS

ÁREA

AUTOR DO PROJETO
Eng. Bruno Oliveira Gonçalves
CREA 16312 D/MS

PROPRIETÁRIO
DETAN MS

TÍTULO
LOCAÇÃO DOS CHUMBADORES

FOLHA

07/14

ESCALA 1/75 DATA 29/10/2017 DESENHO Eng. Bruno Oliveira ALTERAÇÃO 00