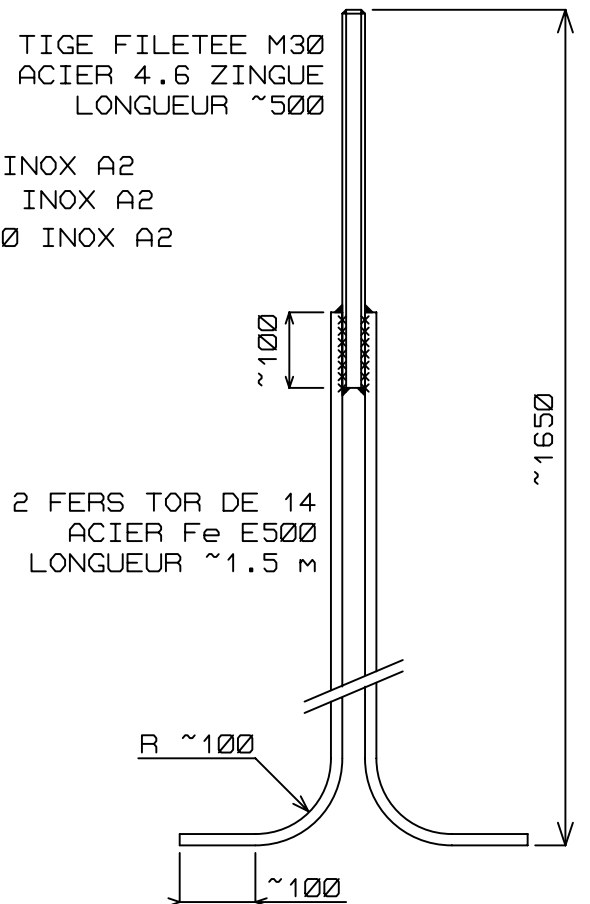


4 CROSSES D'ANCRAGE

TIGE FILETEE M30
ACIER 4.6 ZINGUE
LONGUEUR ~500

8 ECROUS H M30 INOX A2
4 ECROUS Hm M30 INOX A2
8 RONDELLES L 30 INOX A2



CROSSES ORIENTEES A 90 DEGRES
POUR ENTRER DANS LE TROU

M30: SECTION 520 mm² Re: 240 N/mm²

$$1 \times 520 \times 240 = 124800 \text{ N}$$

TOR 14 SECTION: 154 mm2 Re: 500 N/mm2

$$2 \times 154 \times 500 = 154000 \text{ N}$$

POUR INFO: FERS TROP PETITS

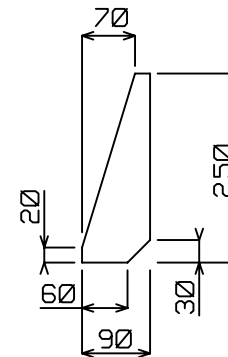
TOR 12 SECTION: 113 mm2 Re: 500 N/mm2

$$2 \times 113 \times 500 = 113000 \text{ N}$$

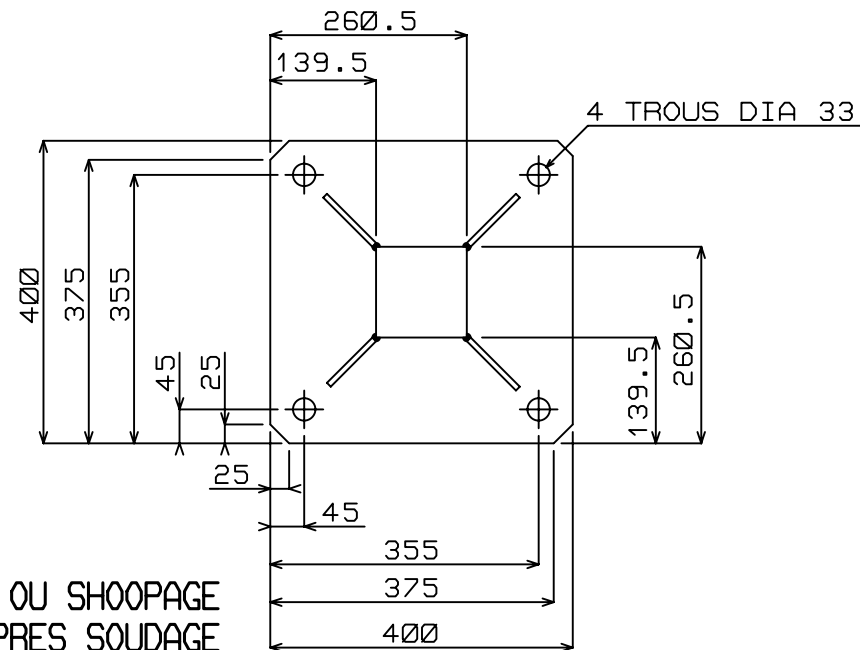
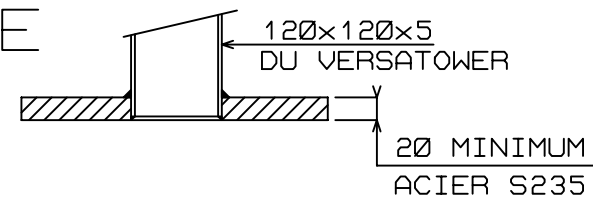
BOULONNERIE CHEZ BRICOVIS (CERGY)
CHAUDRONNERIE CHEZ ACMC (CONFLANS)
SHOOPAGE CHEZ SAPI (CONFLANS)

4 GOUSSETS

ACIER S235 EP: 10



1 EMBASE

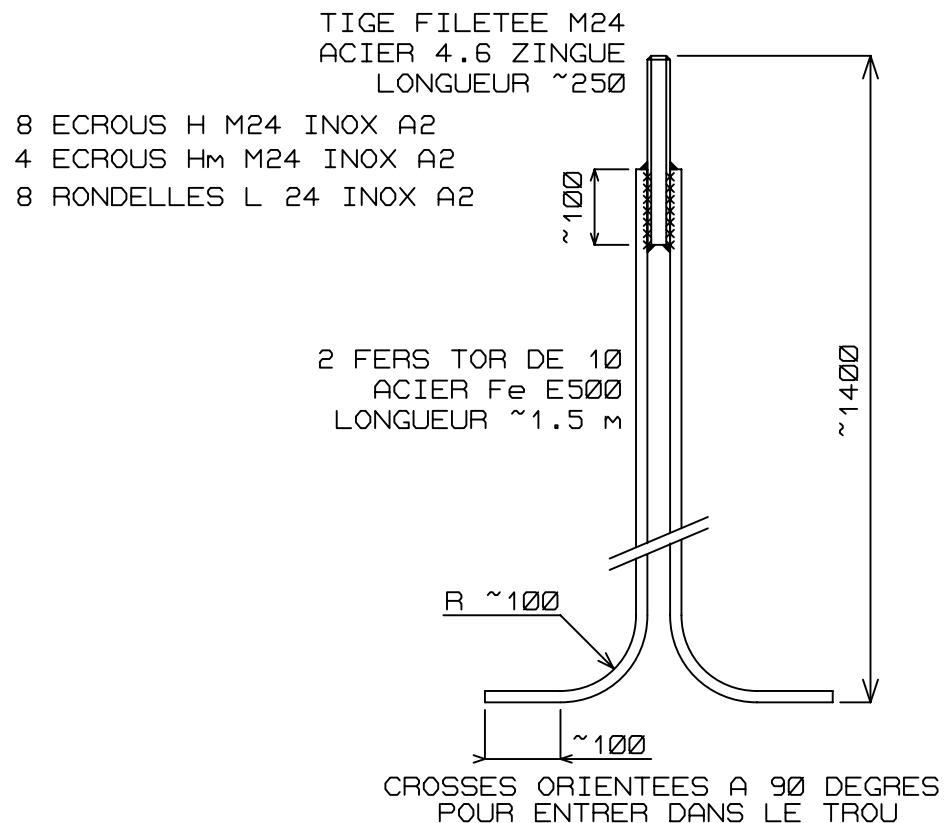


GALVA A CHAUD OU SHOOPAGE DE L'EMBASE APRES SOUDAGE

VERSATOWER 18 METRES EMBASE 400 x 400
ADAPTATION ET SCELLEMENT

DATE:07/2009 REV:2 PAGE:1/1
BY: F1FRV @ FREE.FR
DOC: AMATEUR RADIO

4 CROSSES D'ANCRAGE



M24: SECTION 324 mm² Re: 240 N/mm²
1x324x240= 77760 N

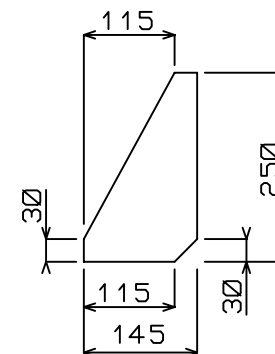
TOR 10 SECTION: 78 mm² Re: 500 N/mm²
2x78x500= 78000 N

POUR INFO: 1 SEUL FER AU LIEU DE 2
TOR 14 SECTION: 154 mm² Re: 500 N/mm²
1x154x500= 77000 N

BOULONNERIE CHEZ BRICOVIS (CERGY)
CHAUDRONNERIE CHEZ ACMC (CONFLANS)
SHOOPAGE CHEZ SAPI (CONFLANS)

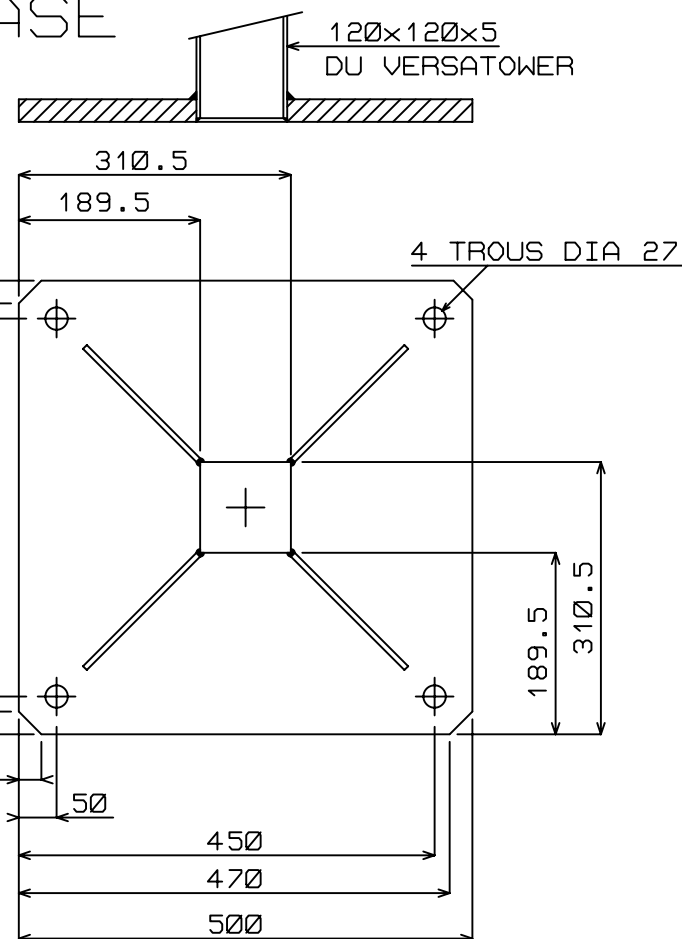
4 GOUSSETS

ACIER S235 EP: 10



1 EMBASE

ACIER S235
ep 20 MINIMUM



GALVA A CHAUD OU SHOOPAGE
DE L'EMBASE APRES SOUDAGE

VERSATOWER 18 METRES EMBASE 500 x 500
ADAPTATION ET SCELLEMENT

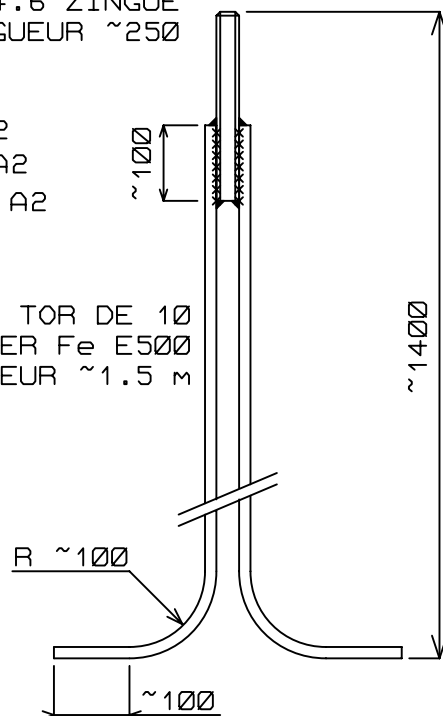
DATE: 07/2009 REV: 3 PAGE: 1/1
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DOC: AMATEUR RADIO

4 CROSSES D'ANCRAGE

TIGE FILETEE M24
ACIER 4.6 ZINGUE
LONGUEUR ~250

8 ECROUS H M24 INOX A2
4 ECROUS H M24 INOX A2
8 RONDELLES L 24 INOX A2

2 FERS TOR DE 10
ACIER Fe E500
LONGUEUR ~1.5 m



CROSSES ORIENTEES A 90 DEGRES
POUR ENTRER DANS LE TROU

M24: SECTION 324 mm² Re: 240 N/mm²
1x324x240= 77760 N

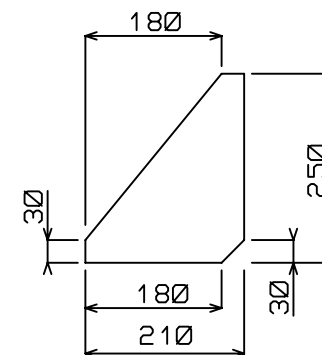
TOR 10 SECTION: 78 mm² Re: 500 N/mm²
2x78x500= 78000 N

POUR INFO: 1 SEUL FER AU LIEU DE 2
TOR 14 SECTION: 154 mm² Re: 500 N/mm²
1x154x500= 77000 N

BOULONNERIE CHEZ BRICOVIS (CERGY)
CHAUDRONNERIE CHEZ ACMC (CONFLANS)
SHOOPAGE CHEZ SAPI (CONFLANS)

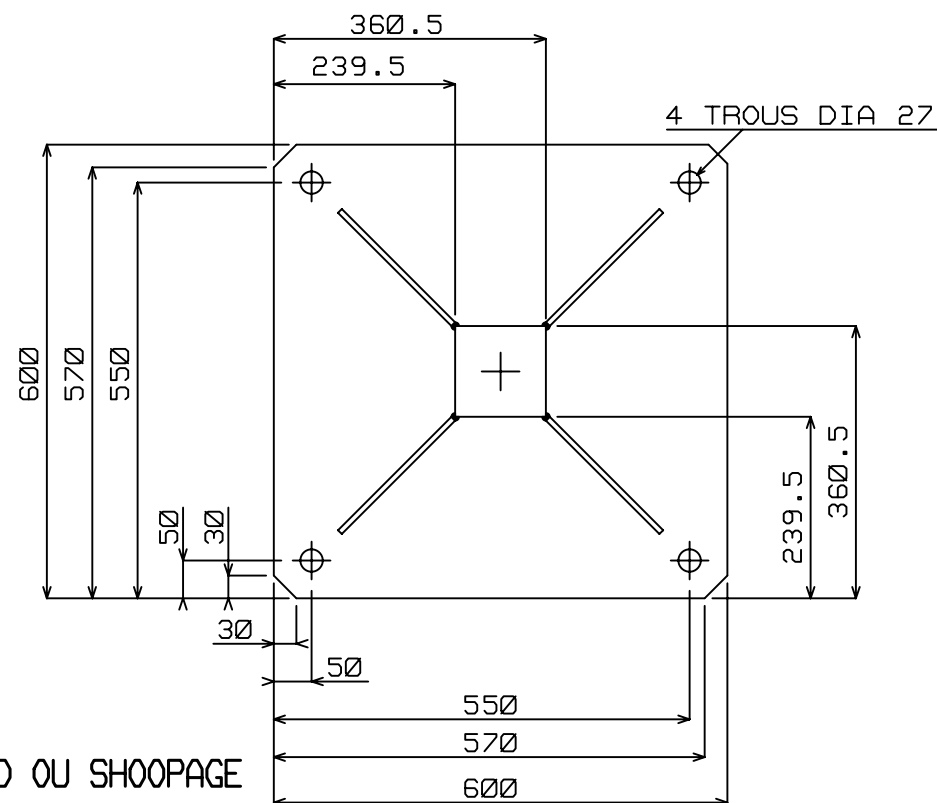
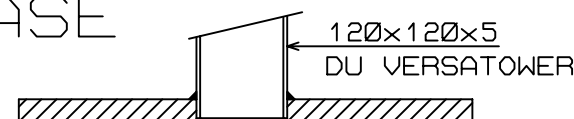
4 GOUSSETS

ACIER S235 EP: 10



1 EMBASE

ACIER S235
20 MINIMUM



GALVA A CHAUD OU SHOOPAGE
DE L'EMBASE APRES SOUDAGE

VERSATOWER 18 METRES EMBASE 600 x 600
ADAPTATION ET SCELLEMENT

DATE: 07/2009 REV: 3 PAGE: 1/1
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DOC: AMATEUR RADIO