

OPERATION

# REHABILITATION DE LOGEMENTS

Immeubles 25, 27, 29 Rue Lanthier  
13003 MARSEILLE

REFERENCE BET : 07851

PLAN

*Escaliers et cages ascenseurs - Détails*  
**FERRAILLAGE**

**P4**

DATE  
15 Mars 07

INDICES  
D

ECHELLE  
1/75e et 1/25e

MAITRE D'OUVRAGE  
SCI DESIREE CLARY  
MARSEILLE HABITAT  
10, rue Ste Barbe 13001 MARSEILLE

MAITRE D'OEUVRE  
Cabinet Manacorda - Architecte  
169, rue de Breteuil  
13006 MARSEILLE

ENTREPRISE  
CAMPENON BERNARD  
22, rue J. Clérissy BP 138  
13426 MARSEILLE CEDEX 12

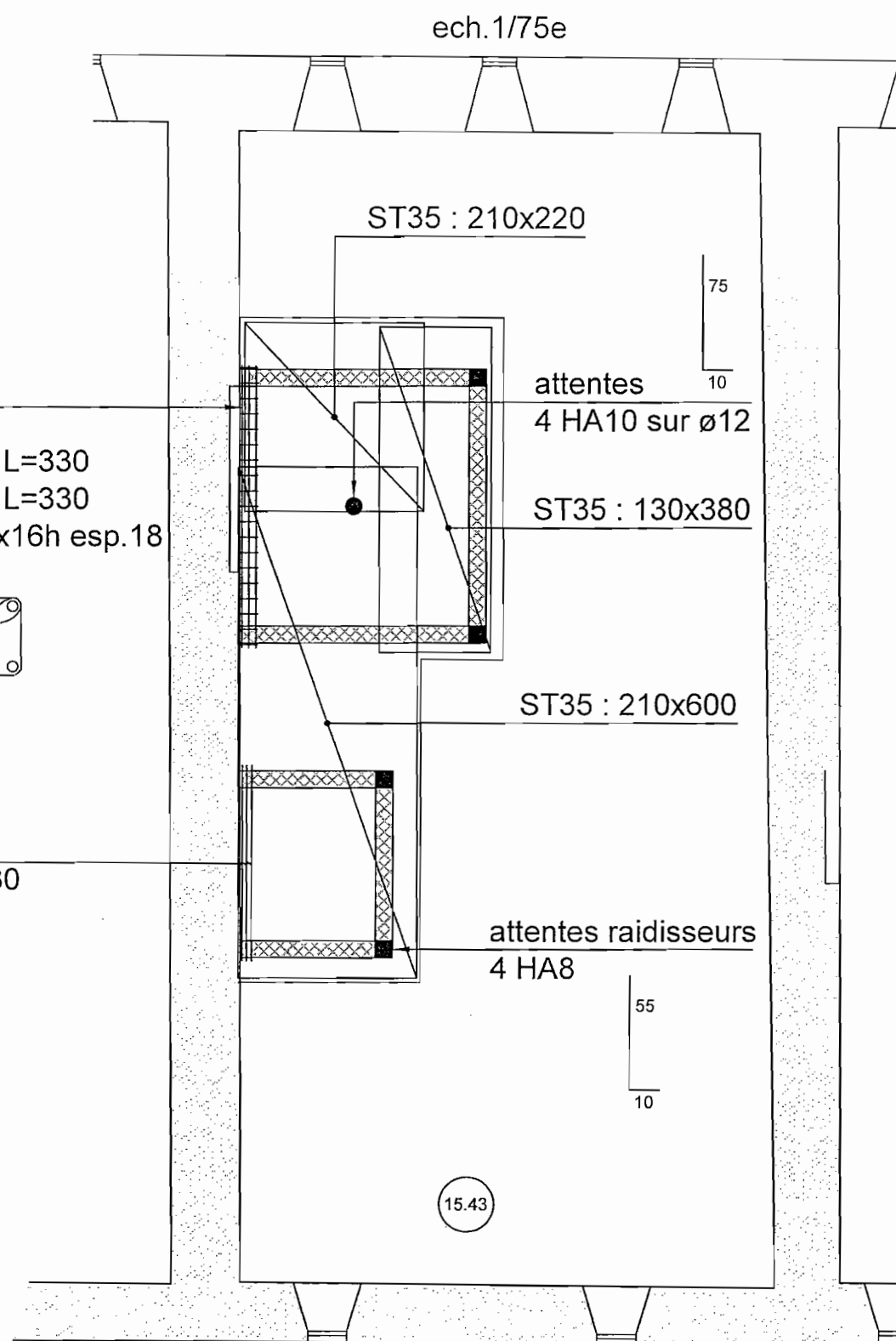


**JEAN-LUC GALEA**  
INGENIEUR CONSEIL

444, rue Paradis 13008 MARSEILLE  
Téléphone 0491222633  
Télécopie 0491222299  
jlgbet@wanadoo.fr

MODIFICATIONS

- |   |                      |
|---|----------------------|
| A | 1ère diffusion       |
| B | Mise à jour 03/05/07 |
| C | Mise à jour 22/05/07 |
| D | Mise à jour 05/10/07 |
| E |                      |
| F |                      |
| G |                      |
| H |                      |

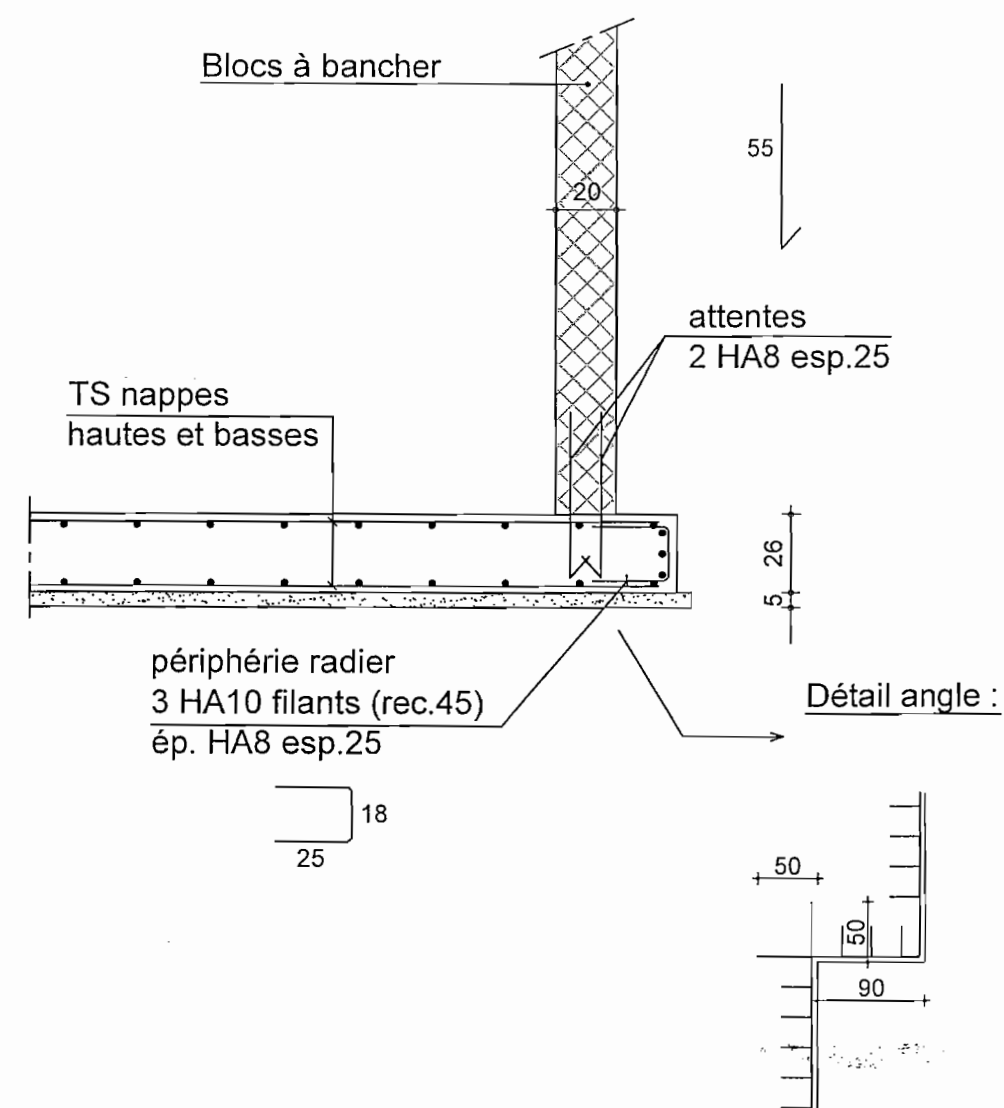


N°72

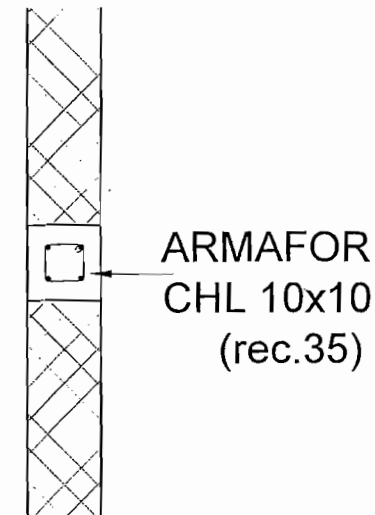
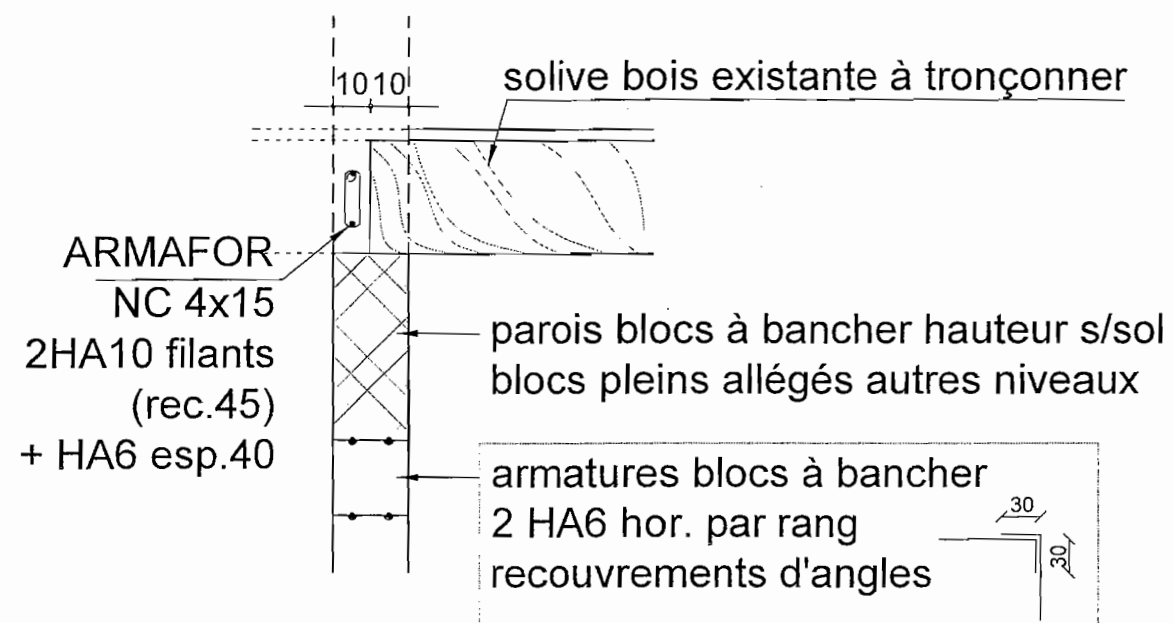
TS ST35 nappes hautes et basses  
Enrobage armatures : 3cm  
Remplissage cavités sol en béton maigre

## COUPE TYPE

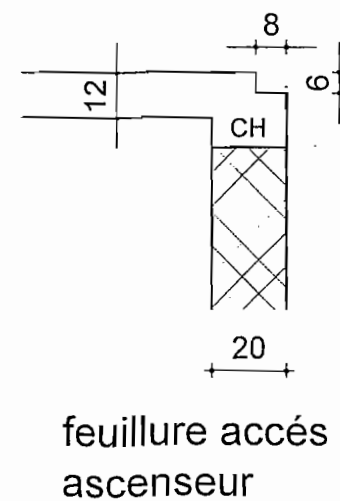
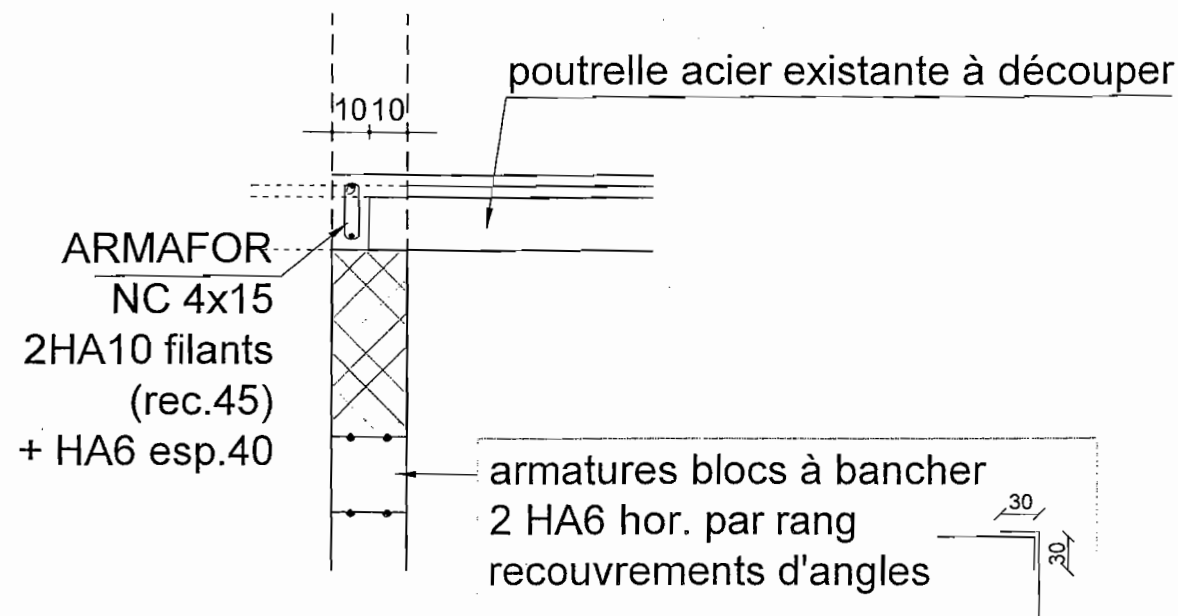
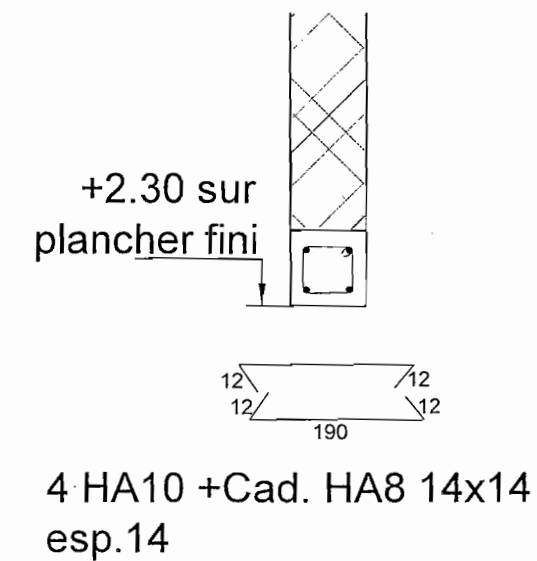
ech.1/25e



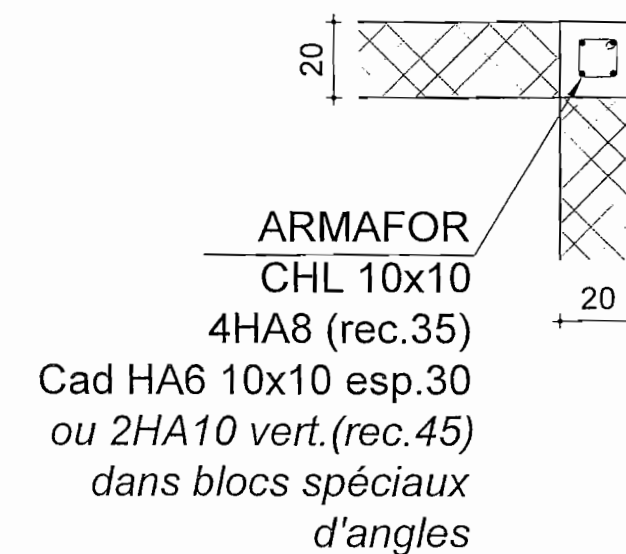
## DETAIL CHAINAGES CH

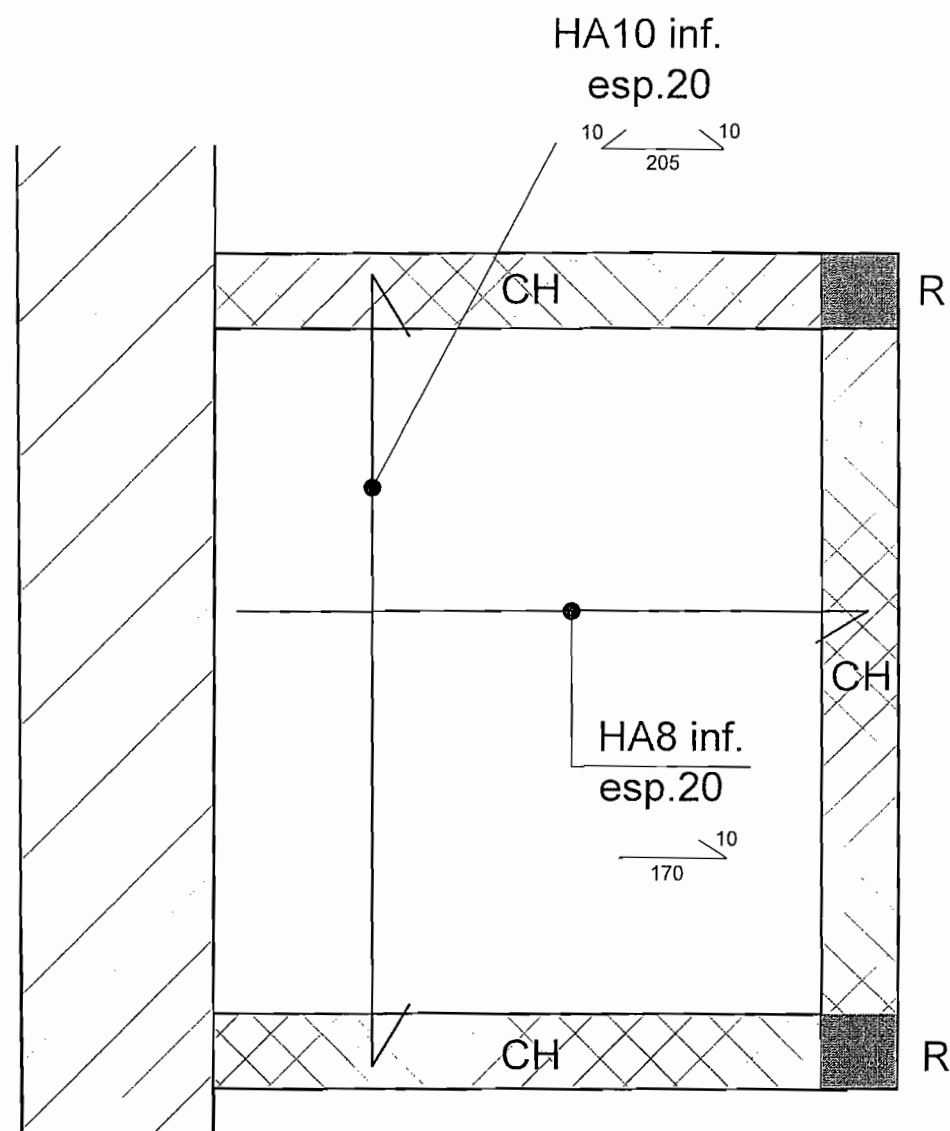


## L1 (6u) 20x20 (linteaux ascenseur)



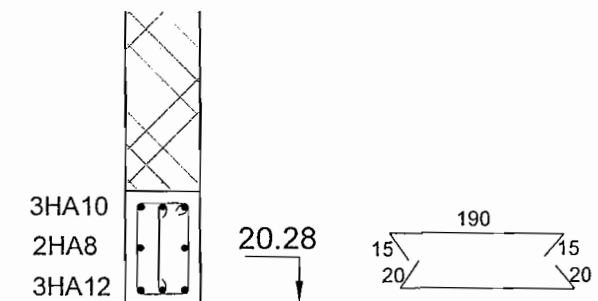
## DETAIL RAIDISSEURS R





DALLE FOND DE CUVETTE ASCENSEUR ép.16

### L1a (20x30h) 1u:



Cad HA8 14x24 esp.20  
+ep.HA8

### L2 (20x20) 10u:

4HA8 I =140  
Cad HA8 14x14 esp.14

### L3 (20x20) 2u:

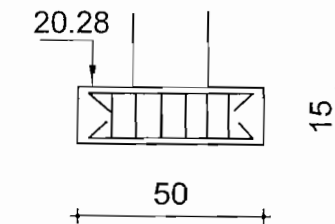
4HA10 I =130  
Cad HA8 14x14 esp.14

### L4 (20x30h) 1u:

dito L1a sauf

## S sommiers d'appui sur mur 50x15x15h

**T** (12 u)

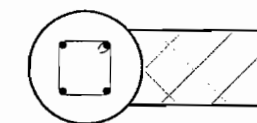


4HA10 44  
10 10 10 10

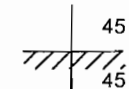
Cad HA8 10x10  
esp.12

**P1** (ø30)

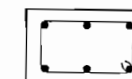
4HA10 Cad HA8  
14x14 esp.18



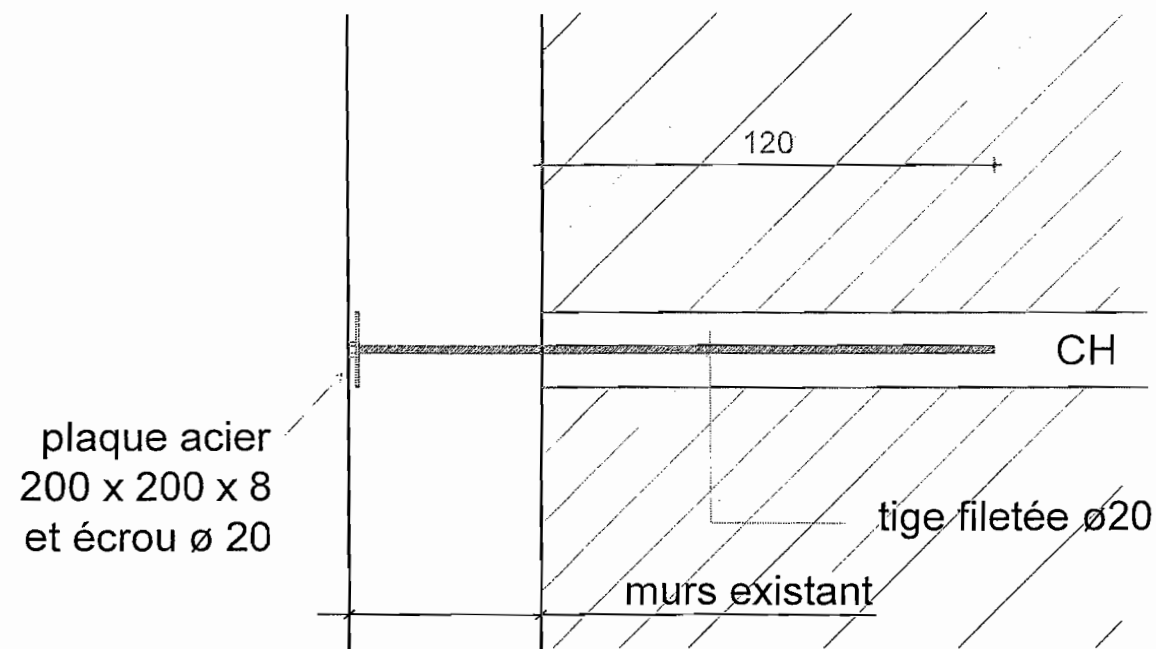
attentes sup. pour préfa  
4HA10



**P2** (20x33):

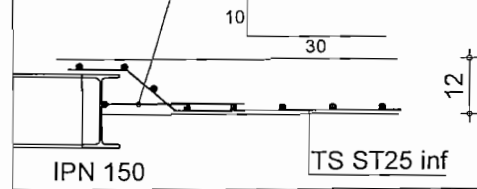


6HA10 Cad HA8 14x24  
esp.18



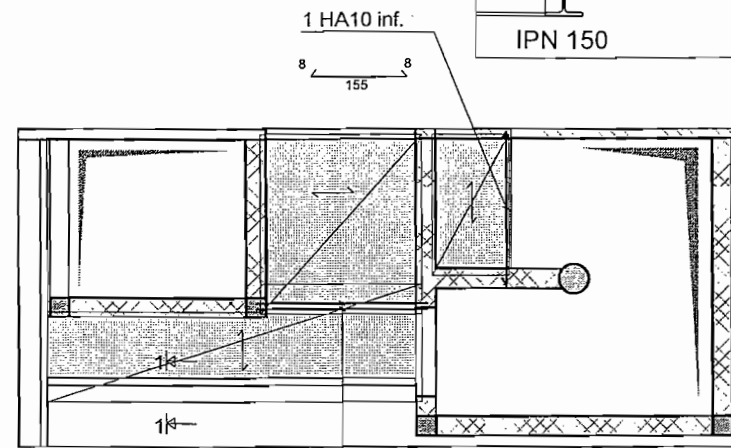
Coupe 1-1 :

HA8 inf. soudés à plat  
sur IPN existant esp.25



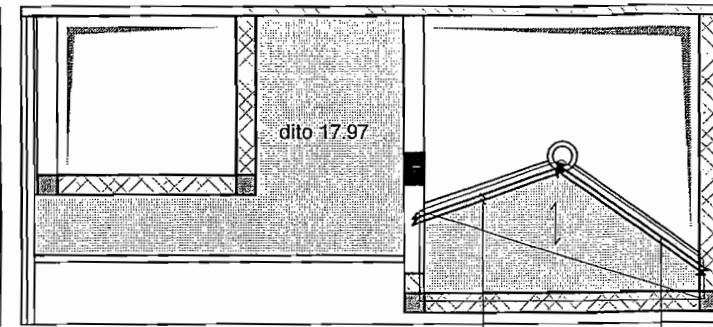
TS ST 25 inf.

Béton  $f_{c28} = 25 \text{ MPa}$



Palier niveau (+17.97)

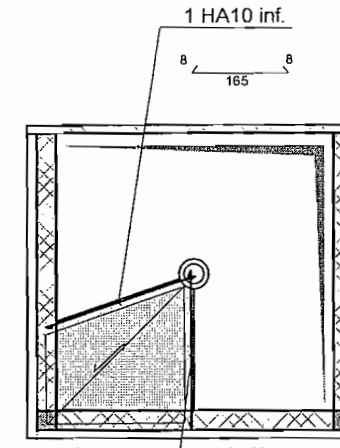
2 HA10 inf.  
L=170



Palier niveau (+22.51)

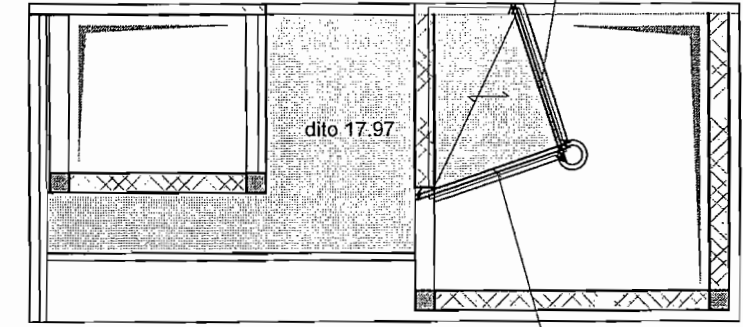
2 HA10 inf.

2 HA10 inf.



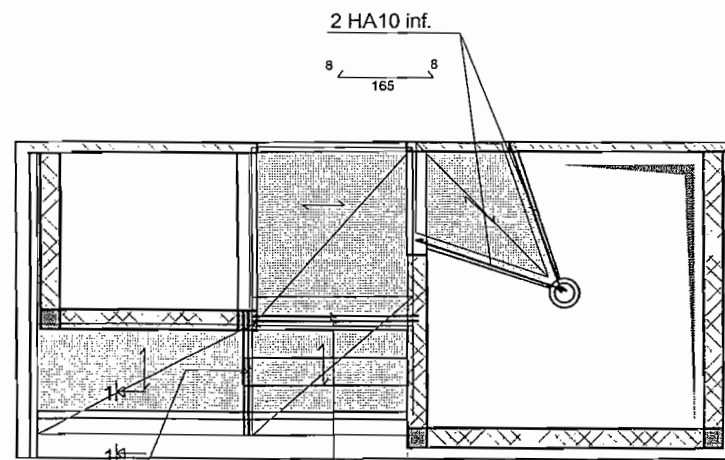
Palier intermédiaire niveau (+20.15)

1 HA10 inf.



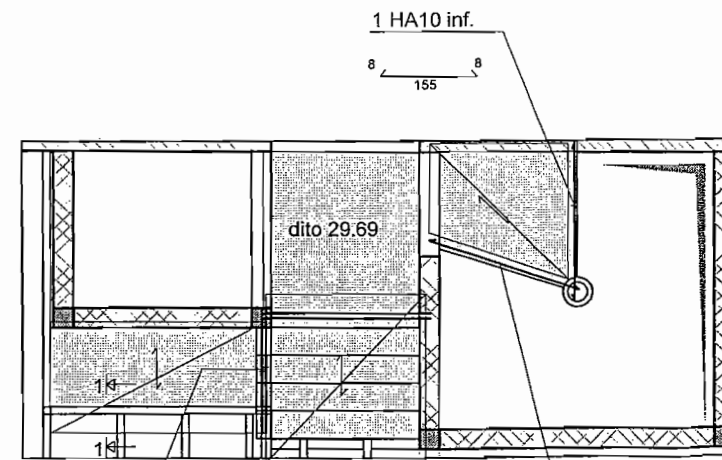
Palier niveau (+26.32)

2 HA10 inf.



Palier niveau (+29.69)

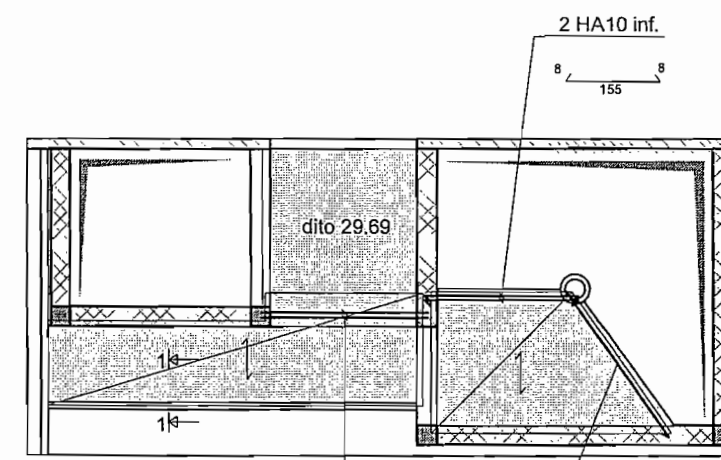
2 HA10  
100 25  
2 HA10 inf.  
L=170



Palier niveau (+33.06)

2 HA10

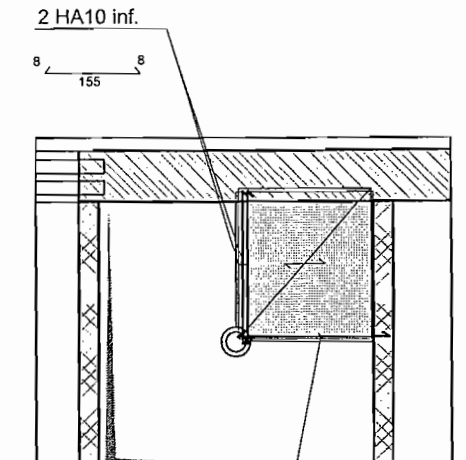
1 HA10 inf.



Palier niveau (+37.65)

2 HA10 inf.  
L=170

1 HA10 inf.

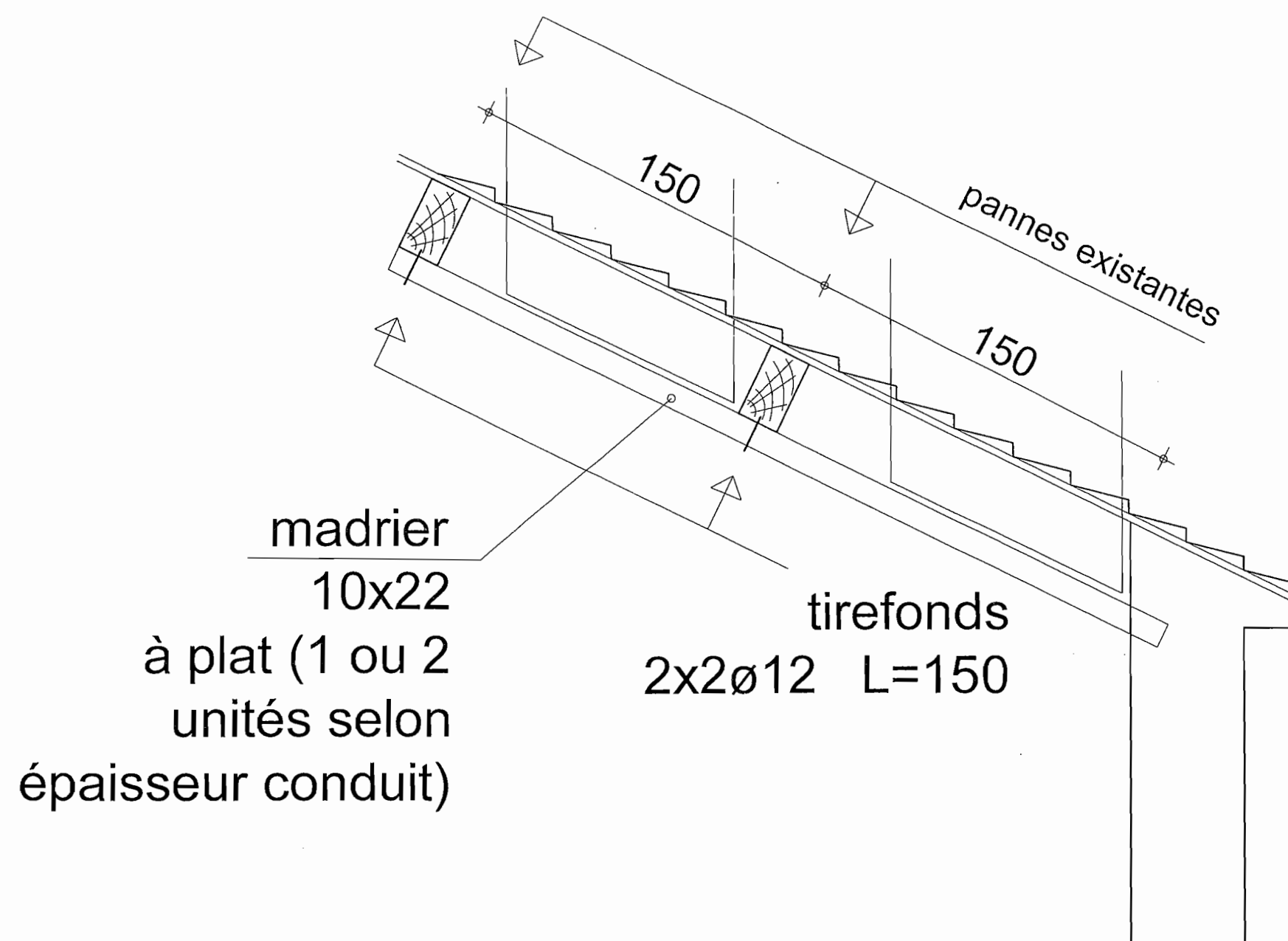


Palier intermédiaire niveau (+36.86)

1 HA10 inf.

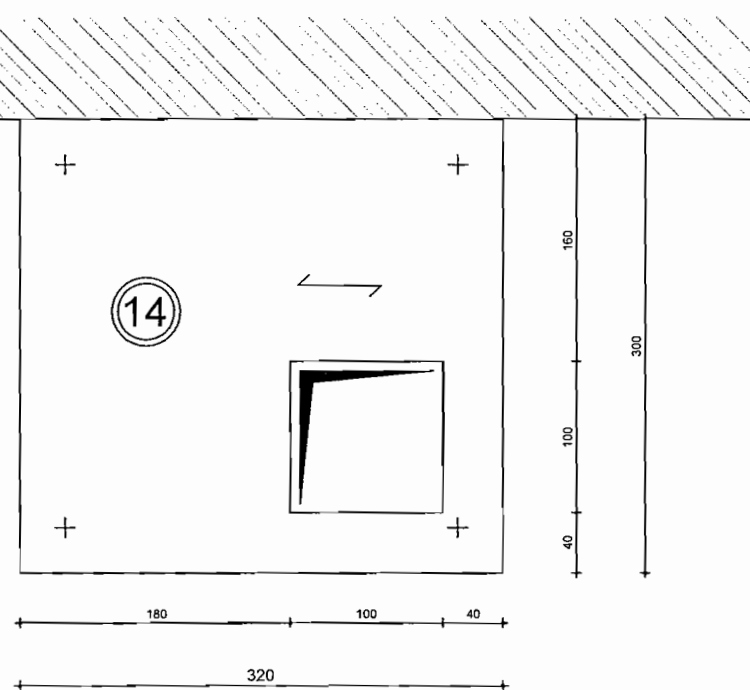
(36.80)



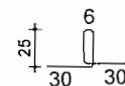




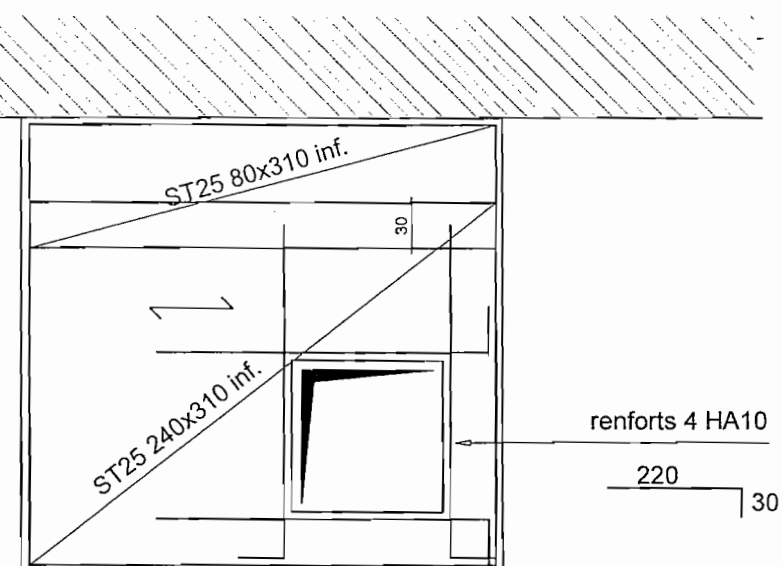
Boulevard de Paris



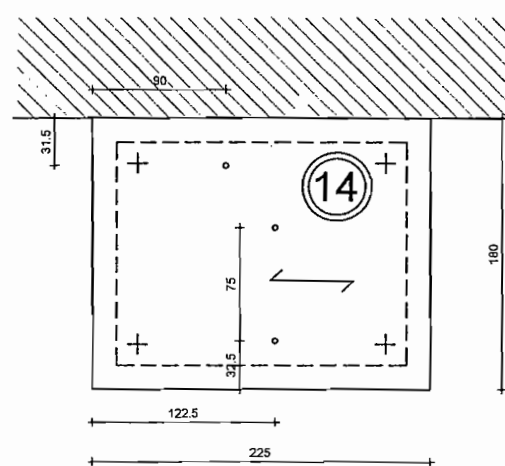
COUVERTURE ESCALIER : 3t  
4 crochets de levage  $\varnothing 10$  aux angles



Boulevard de Paris



Boulevard de Paris



COUVERTURE ESCALIER  
3 anneaux de levage -  $\varnothing 50$  mini. - 2t  
Crochets de levage dito escalier

Boulevard de Paris

