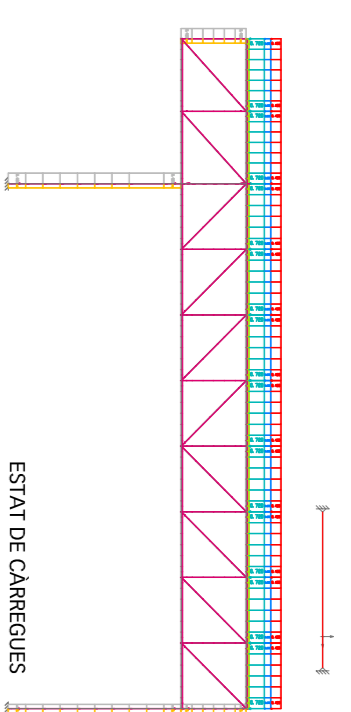


### ENCAVALLADA METÀL·LICA MERCAT



**CARREGUES (CTE)**

Coberta Deck

Pes propi = 10 Kg/m<sup>2</sup> \* 7.2 m = 0.072 t/m

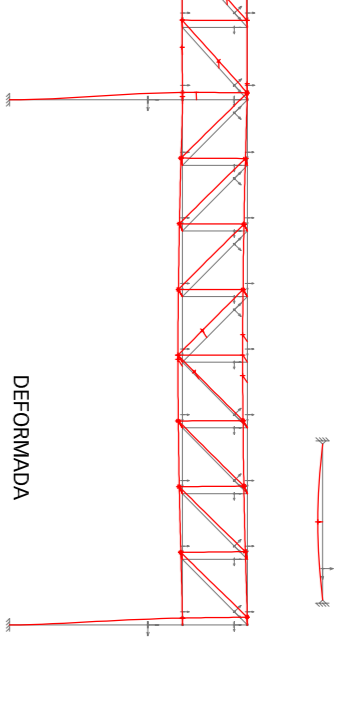
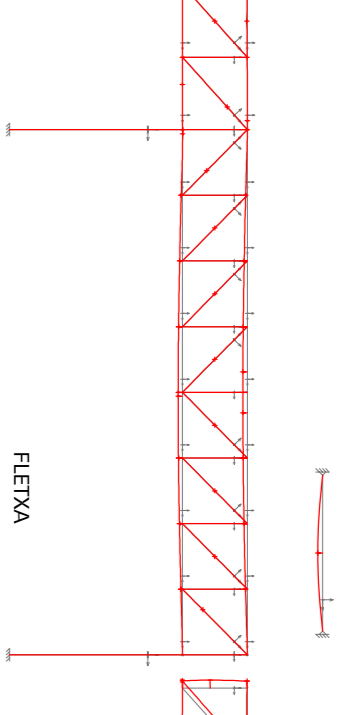
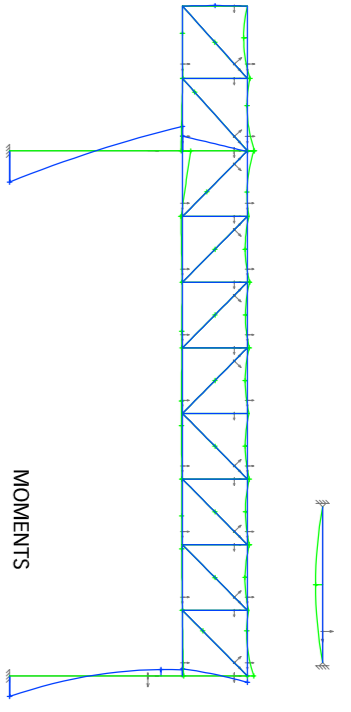
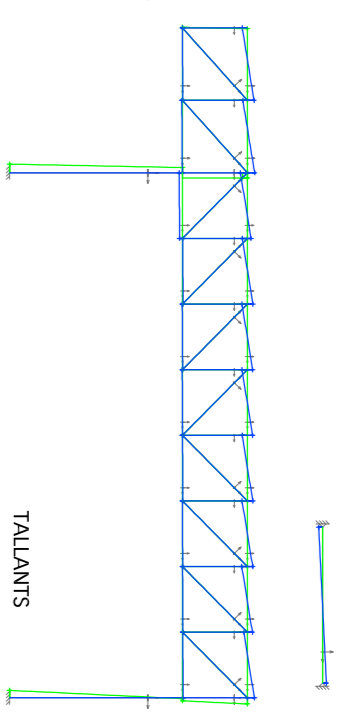
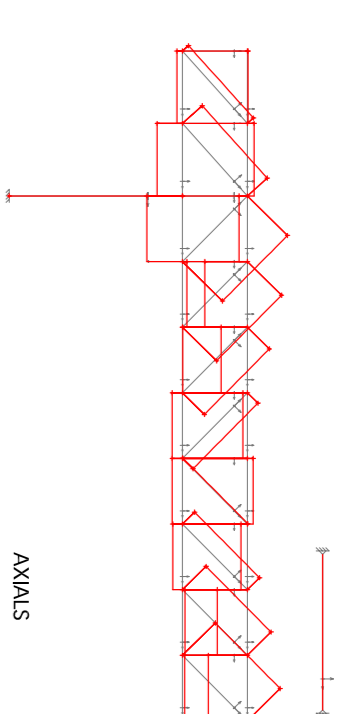
Sobrecresta d'ús = 100 Kg/m<sup>2</sup> \* 7.2 m = 0.72 t/m

Sobrecresta neu = 40 Kg/m<sup>2</sup> \* 7.2 m = 0.29 t/m

Carregues mortes = 50 Kg/m<sup>2</sup> \* 7.2 m = 0.36 t/m

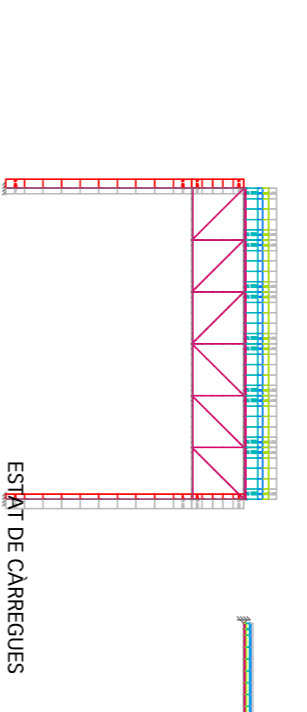
Vent = 0.5 Km/h \* 1.9 X

**CORRETES:** HEB 180 cada 1.5m



Les reaccions que transmet aquesta encavallada al portic de plers inferior existents requereix uns plers de ferraç de 40x40 amb un armat de 40x25 + 80x20 e 08 c/15. Per tant, s'haurien de comprovar les dimensions i l'armat dels plers existents i en cas que fos inferior a l'indicat s'hauria de reforçar.

### ENCAVALLADA METÀL·LICA AUDITORI



**CARREGUES (CTE)**

Coberta Deck

Pes propi = 10 Kg/m<sup>2</sup> \* 5.5 m = 0.055 t/m

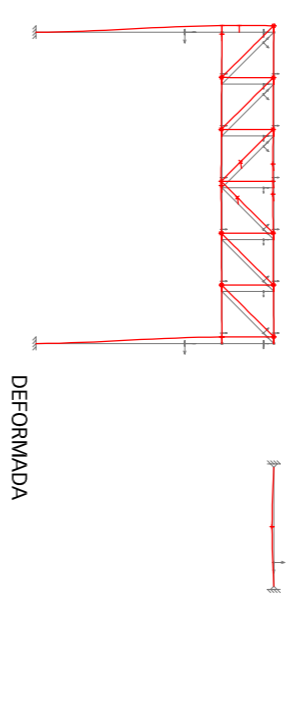
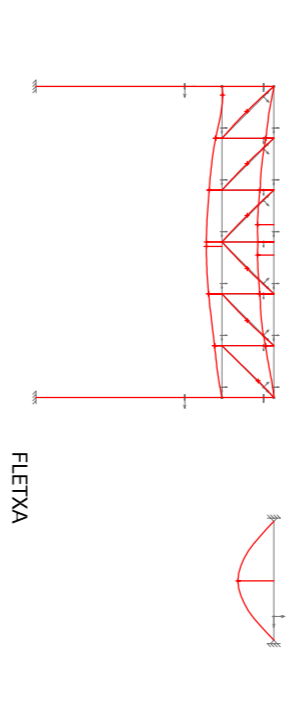
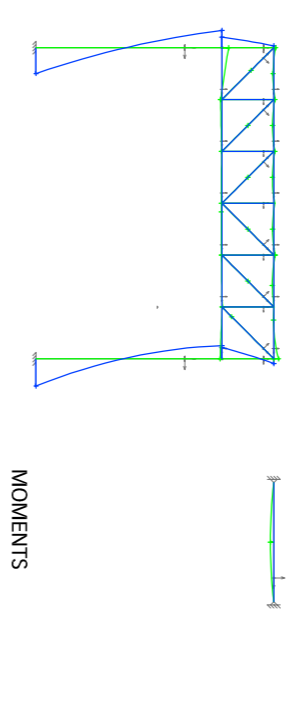
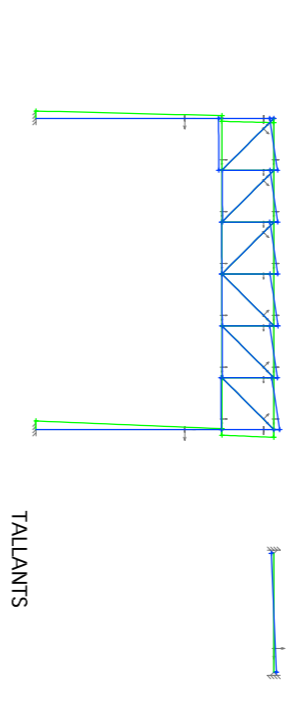
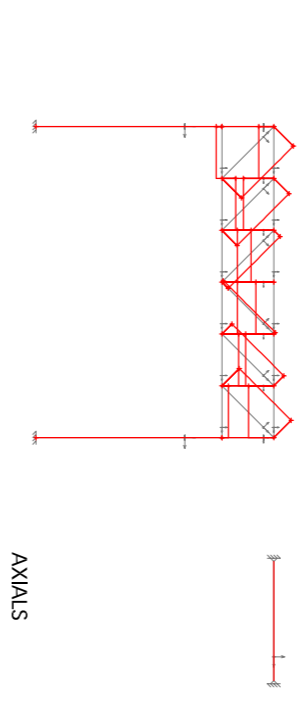
Sobrecresta d'ús = 100 Kg/m<sup>2</sup> \* 5.5 m = 0.55 t/m

Sobrecresta neu = 40 Kg/m<sup>2</sup> \* 5.5 m = 0.22 t/m

Carregues mortes = 50 Kg/m<sup>2</sup> \* 5.5 m = 0.28 t/m

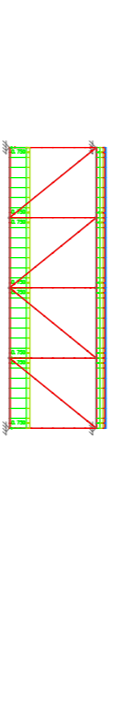
Vent = 0.5 Km/h \* 1.9 X

**CORRETES:** HEB 140 cada 1.5 m



Les reaccions que transmet aquesta encavallada al portic de plers inferior existents requereix uns plers de ferraç de 40x40 amb un armat de 40x25 + 80x20 e 08 c/15. Per tant, s'haurien de comprovar les dimensions i l'armat dels plers existents i en cas que fos inferior a l'indicat s'hauria de reforçar.

### PASSERA ENTRE TORRES D'HOTEL



**CARREGUES (CTE)**

Plana

Pes propi = 15Kg/m<sup>2</sup> \* 1.5 m = 0.02 t/m<sup>2</sup>

Sobrecresta d'ús = 500 Kg/m<sup>2</sup> \* 1.5m = 0.75 t/m<sup>2</sup>

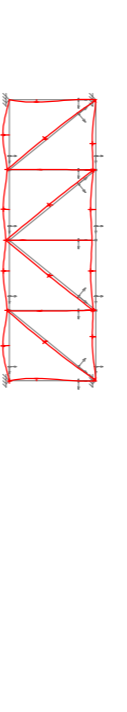
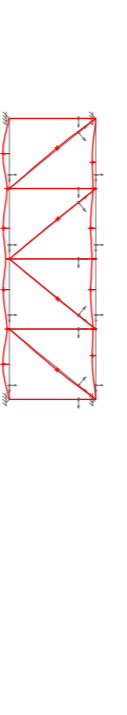
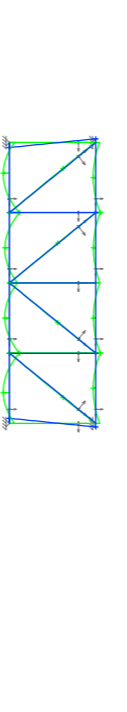
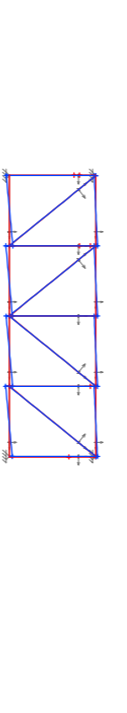
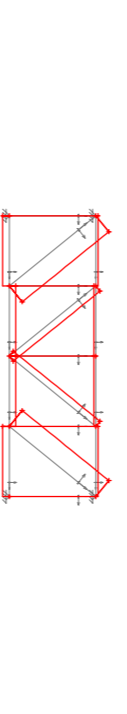
Sobrecresta neu = 100 Kg/m<sup>2</sup> \* 1.5m = 0.15 t/m<sup>2</sup>

Sentit

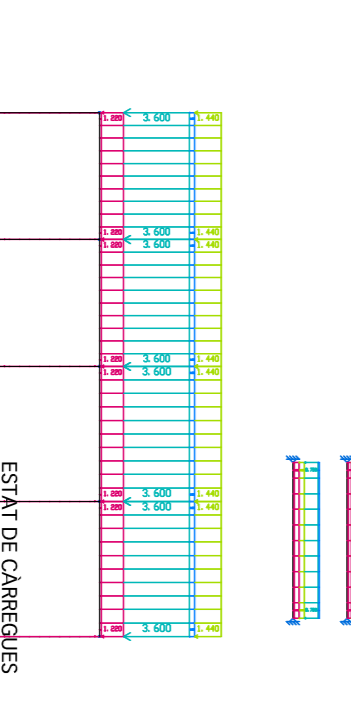
Pes propi = 0.02 t/m<sup>2</sup> \* 1.5 m = 0.02 t/m<sup>2</sup>

Sobrecresta d'ús = 1kg/m<sup>2</sup> \* 1.5m = 0.157 t/m<sup>2</sup>

Sobrecresta neu = 100 Kg/m<sup>2</sup> \* 1.5m = 0.157 t/m<sup>2</sup>



### FORLAT COL·LABORANT



**CARREGUES (CTE)**

Fornats Col·laborants HAFICOL 59 e0.7/5 mm x 80 + 10 cm formigó

Pes superior 900 Kg/m<sup>2</sup>

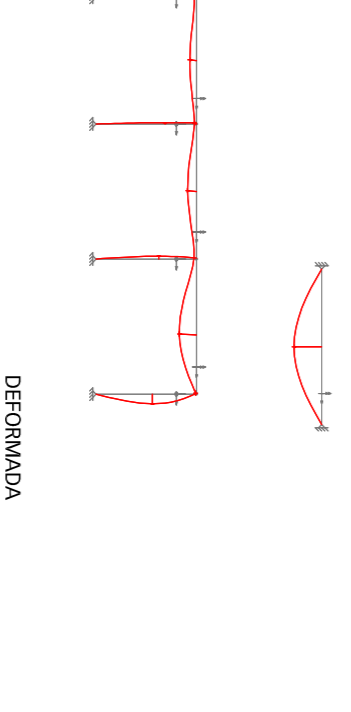
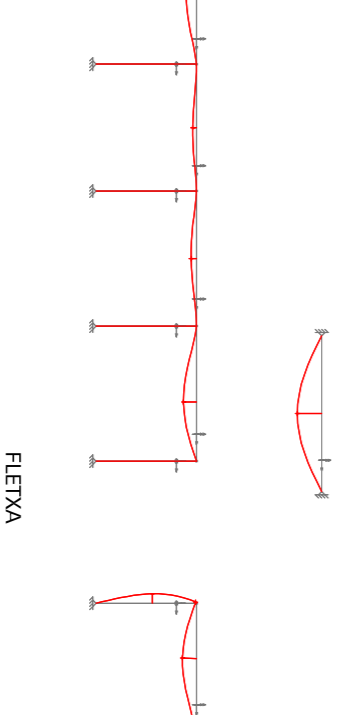
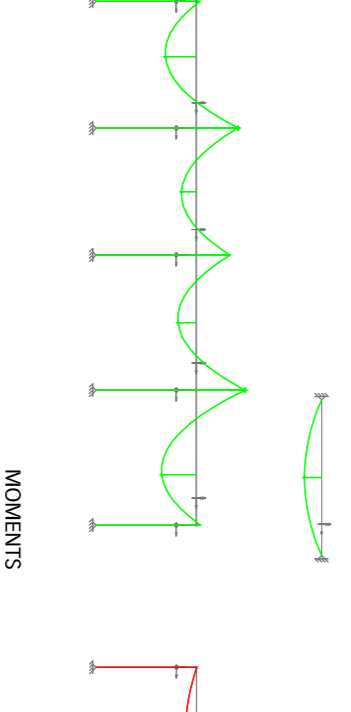
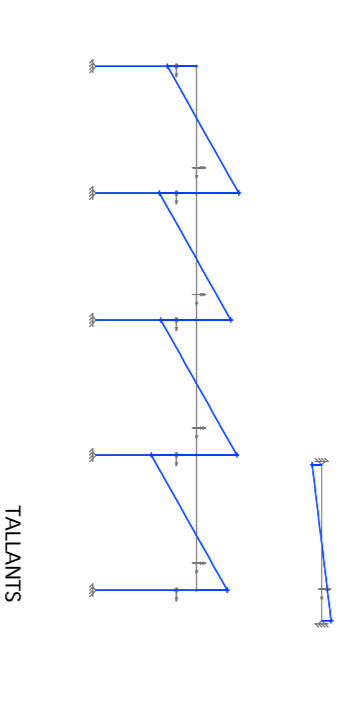
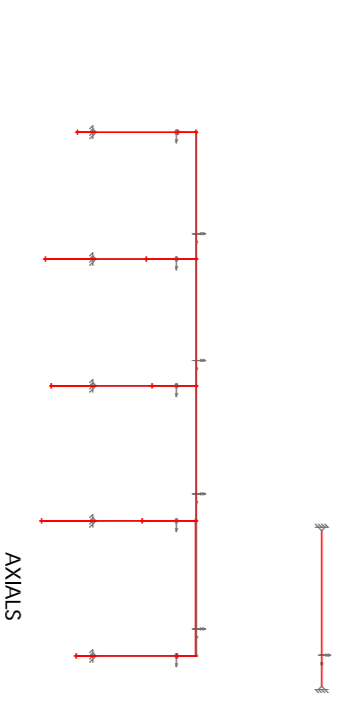
Pes propi = 170 Kg/m<sup>2</sup> \* 7.2 m = 1.224 t/m

Sobrecresta d'ús = 500 Kg/m<sup>2</sup> \* 7.2 m = 3.6 t/m

Sobrecresta neu = 200 Kg/m<sup>2</sup> \* 7.2 m = 1.44 t/m

Carregues mortes = 40 Kg/m<sup>2</sup> \* 7.2 m = 0.29 t/m

**CORRETES:** HEB 220 cada 1 m



Les reaccions que transmeten aquests plers a l'estructura inferior preexistent requereixen plers de ferraç de 30x30 cm amb un armat de 40x16 + 40x12 i e0.6 c/15 cm.

Per tant, l'estructura existent complex amb escaixi no serà necessàri cap tipus de reforç.