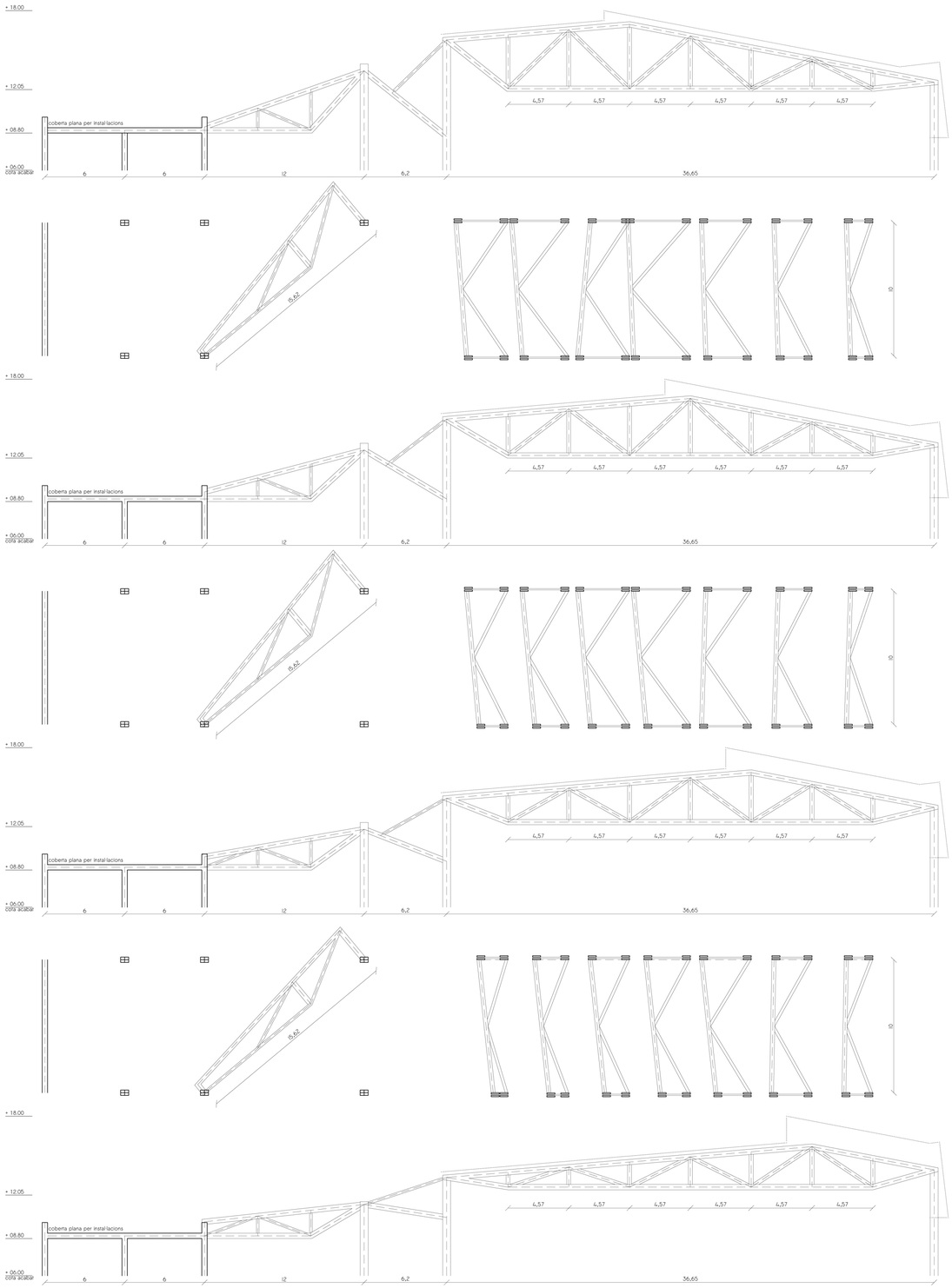
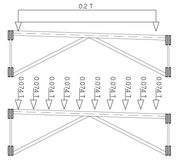
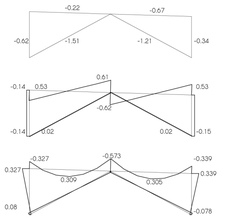






PES PROPI:

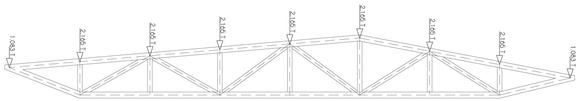
ENCAVALLADES SECUNDARIES:
0,2475m3 FUSTA X 370kG/m3 = 91,6kG
91,6kG / 10M = 9,06kG/m = 0,0091T/M

COBERTA: 50kG/M2 X 40M2 = 2000kG
2000kG / 10 = 200kG/M = 0,2T

TOTAL CARREGA REPARTIDA: 0,209T

BIGUES: 0,1 x 0,05 x 4M x 370kG/m3 = 7,4kG
7,4 x 10 = 74kG

TOTAL CARREGUES PUNTUALS: 74kG CADA METRE



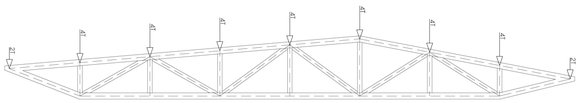
PES PROPI:

ENCAVALLADES SECUNDARIES: 0,2475m3 FUSTA X 370kG/m3 = 91,6kG

BIGUES: 0,1 x 0,05 x 4M x 370kG/m3 = 7,4kG
7,4 x 10 = 74kG

COBERTA: 50kG/M2 X 40M2 = 2000kG

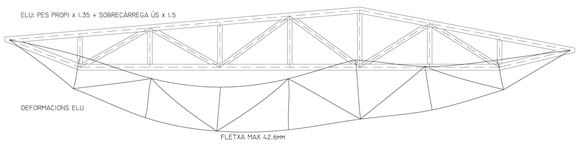
TOTAL PES PROPI: 2165,6kG



SOBRECÀRREGA ÚS:

100kG/M2 X 40M2 = 4000kG

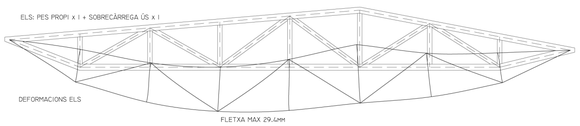
ELU: PES PROPI x 1,35 + SOBRECÀRREGA ÚS x 1,5



DEFORMACIONS ELU

FLETXA MAX 42,6mm

ELS: PES PROPI x 1 + SOBRECÀRREGA ÚS x 1

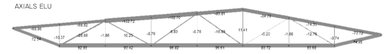


DEFORMACIONS ELS

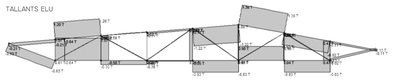
FLETXA MAX 29,4mm

ELU: PES PROPI x 1,35 + SOBRECÀRREGA ÚS x 1,5

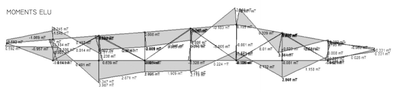
AXIALS ELU

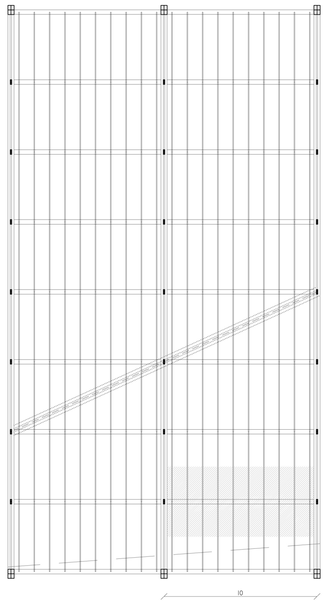


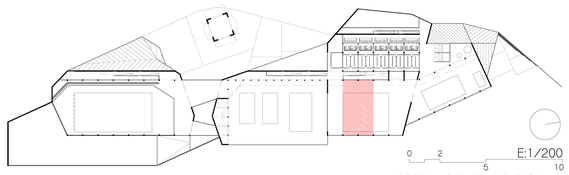
TALLANTS ELU



MOMENTS ELU







0 2 5 10 E:1/200

ESTRUCTURA PISCINA

10 PISCINES AL PORT DE BARCELONA

PROJECTE FINAL DE CARRERA
JOAQUIM MULA MONTSENY
TRIBUNAL: ELIAS TORRES, LLUIS CLOTET, FELIX PARDO, JORDI MARISTANY