

# ENLARGEMENT OF S.NICOLA L'ARENA MARINA, TRABIA, PALERMO, ITALY

CLIENT: MUNICIPALITY OF TRABIA

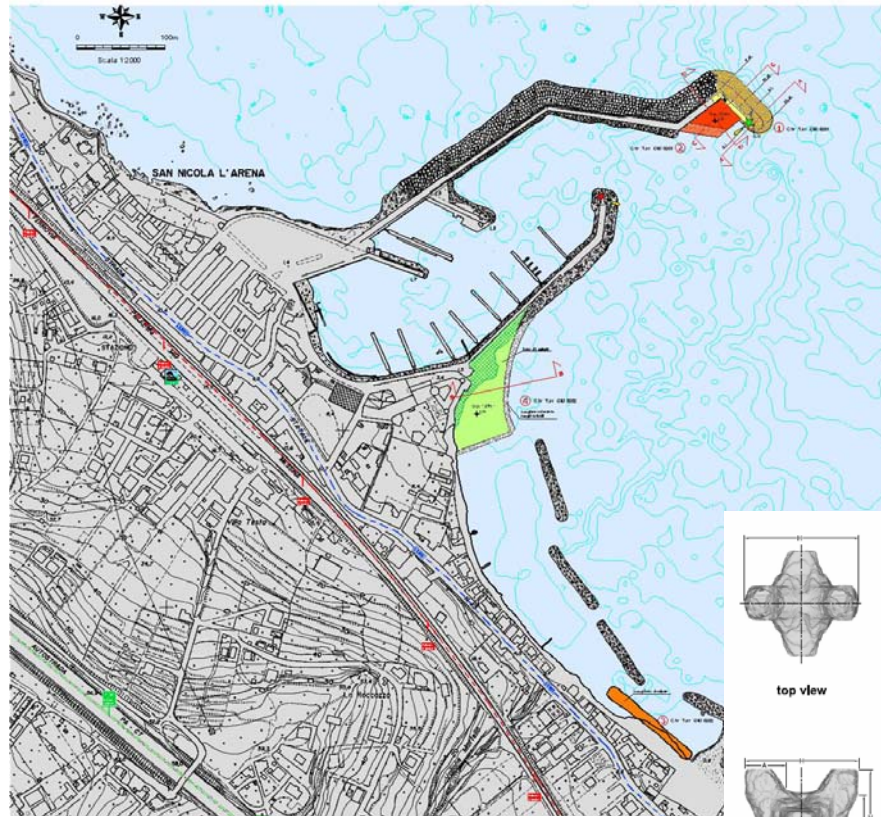
LOCATION: S. Nicola l' Arena, Trabia, Palermo, Italy

YEAR: 2005

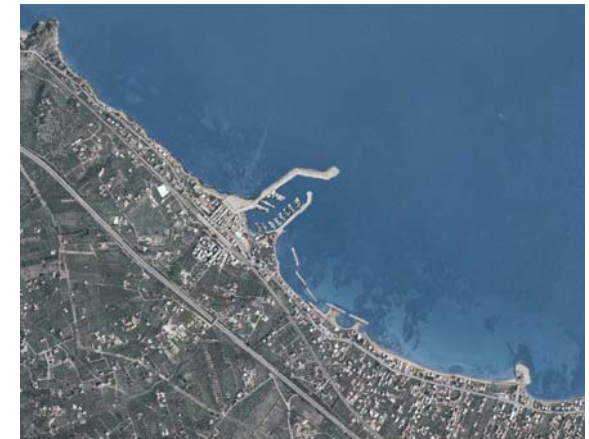
BUDGET: € 4,520,000

PROVIDED SERVICES:

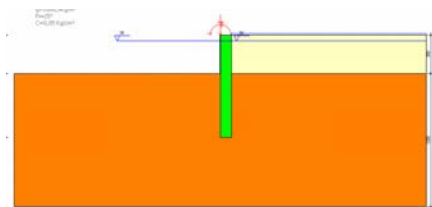
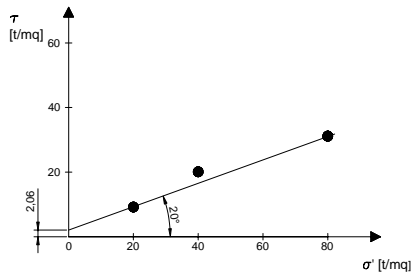
- preliminary, final, construction level design



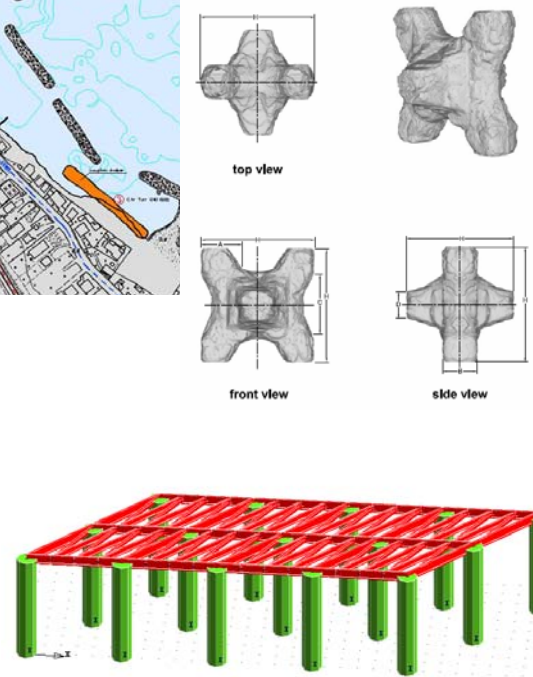
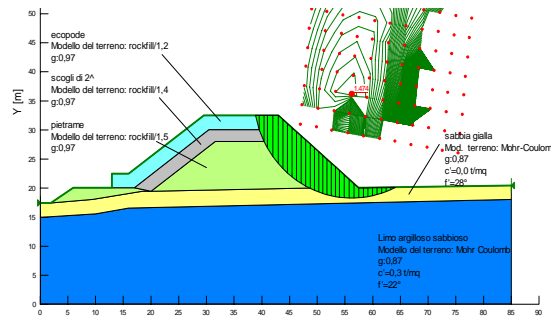
PROJECT LAYOUT



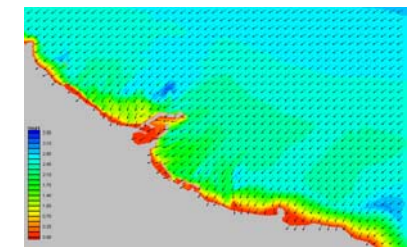
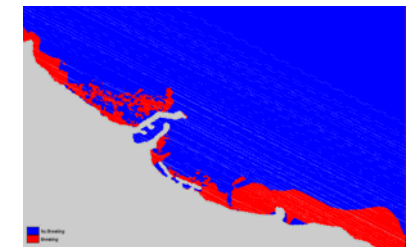
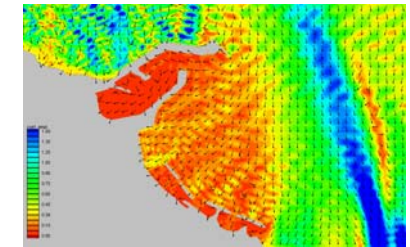
CURRENT LAYOUT



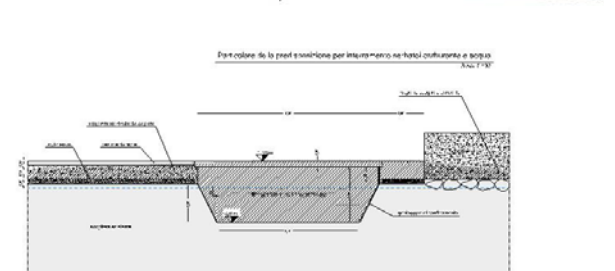
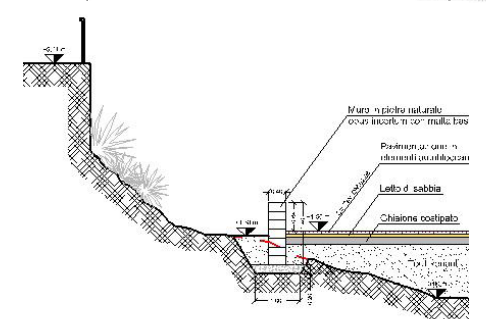
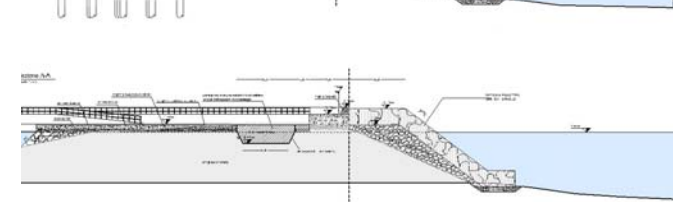
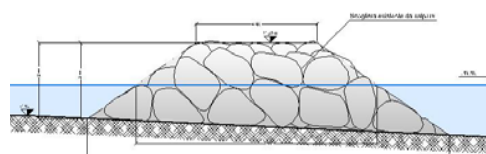
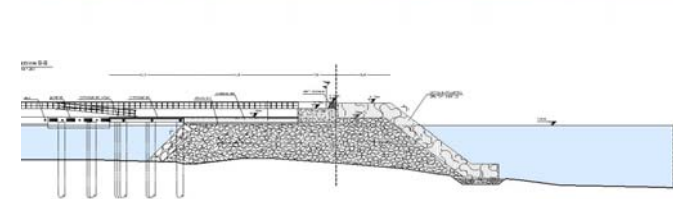
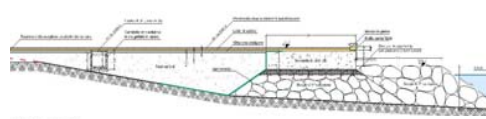
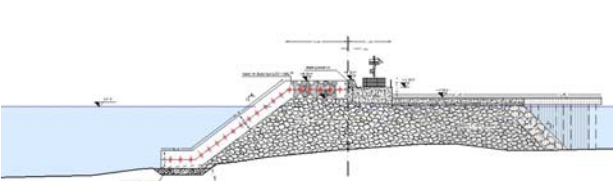
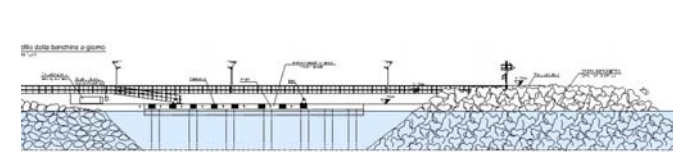
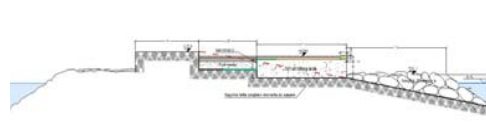
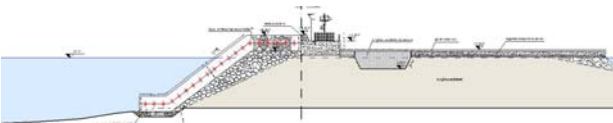
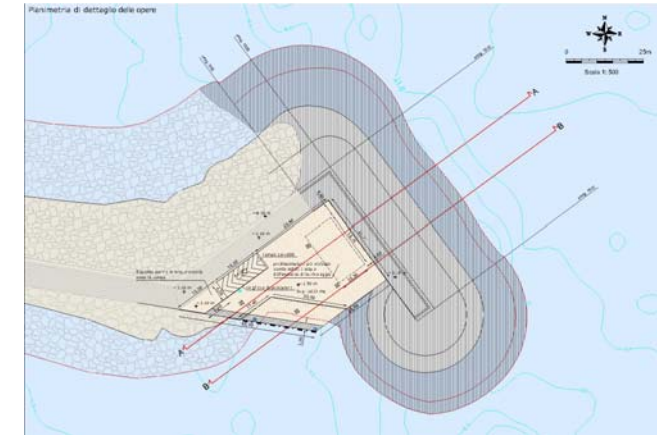
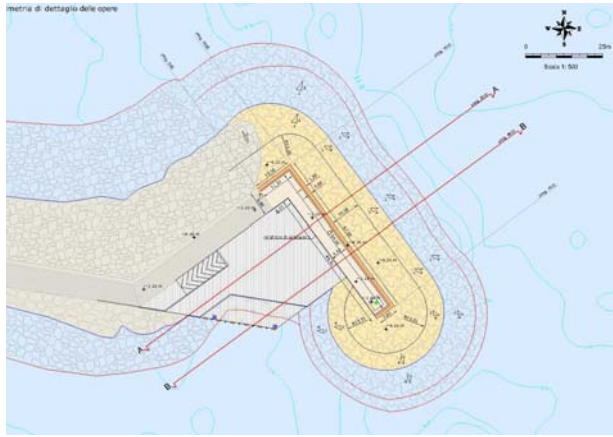
GEOTECHNICAL STUDIES



STRUCTURAL STUDIES



COSTAL ENGINEERING STUDIES



NEW BREAKWATER REEF: PLAIN AND TYPE SECTIONS

NEW COASTLINE DEFENSE WORKS: PLAIN AND TYPICAL CROSS SECTIONS

NEW DOCKS: PLAIN AND TYPICAL CROSS SECTIONS