

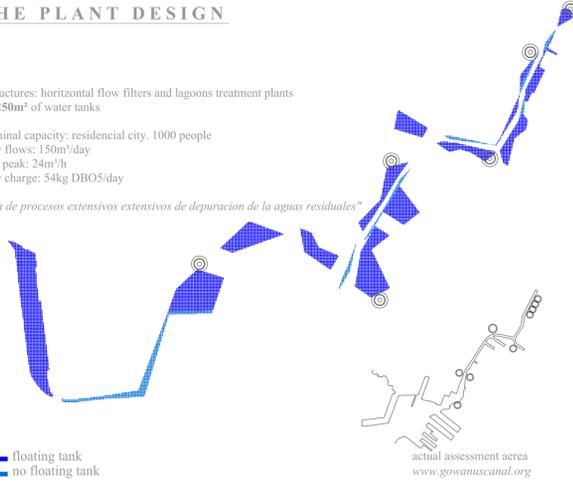
CAPES GOWANUS CANAL

THE PLANT DESIGN

2 structures: horizontal flow filters and lagoons treatment plants
465250m² of water tanks

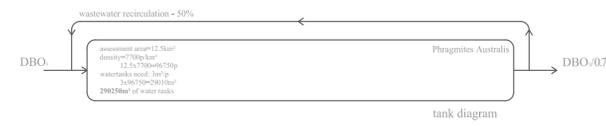
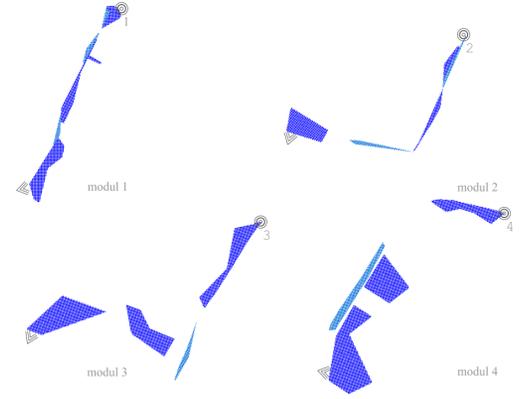
-nominal capacity: residential city, 1000 people
daily flows: 150m³/day
flow peak: 24m³/h
daily charge: 54kg DBO5/day

"guia de procesos extensivos extensivos de depuración de la aguas residuales"



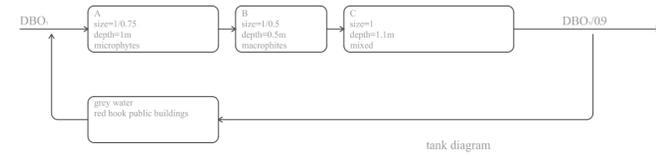
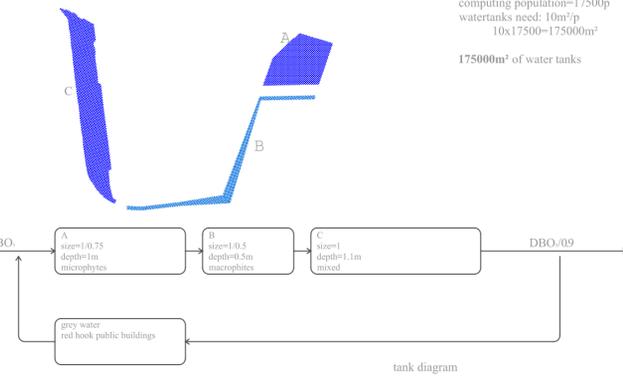
structure a: horizontal flow filters

ingeniería de aguas residuales: tratamiento, vertido y reutilización. Metcalf-Eddy, ed. mcgrawhill



structure b: lagoons treatment plants

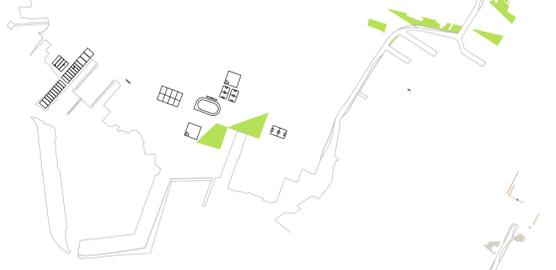
population=10200p
computing population=17500p
watertanks need: 10m²/p
10x17500=175000m²
175000m² of water tanks



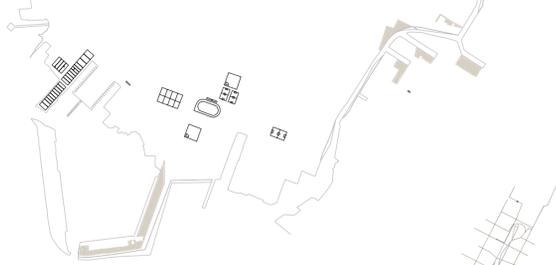
Paviments durs: Forta activitat peatonal



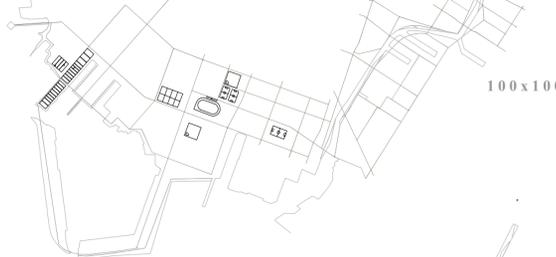
Espais lliures



Zones de càrrega i descàrrega industrial



Red peatonal de camins



Espais



Red viari rodar i bosses d'aparcament



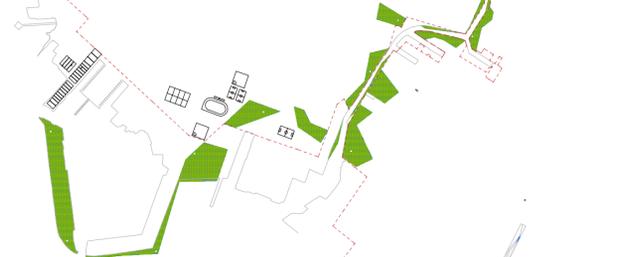
Arbrat



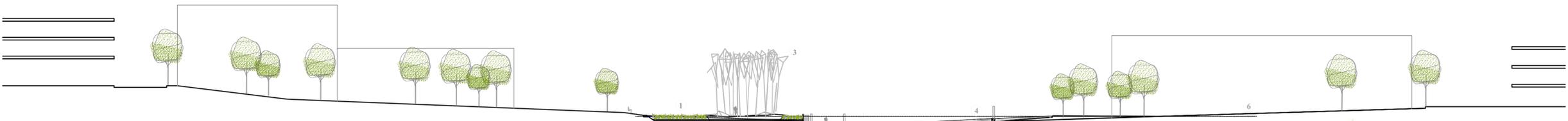
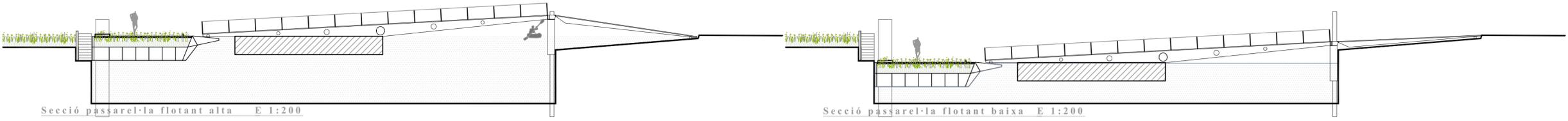
Estructura equipaments públics



Estructura planta depuració filtres horitzontal



Transports públics



- 1- Tanc depuració aigua filtres horitzontals fase 1
- 2- Tanc flotant depuració aigua filtres horitzontals
- 3- Punt atractiu -espai per exposicions temporals fase 2
- 4- Passera flotant practicable -Generador energia fotovoltaica -Referent Visual
- 5- Gowanus Canal: aigua depurada

pfc: Gowanus Scape
02 projecte
CAPES GOWANUS CANAL
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