PILESTREDET PARK | Oslo, Norway



Size: (New Construction, renovation) 21 acres

Dates: 1883-hospital, 1997-master plan, 2001-2006

Team:

Description: Pilestredet park is an urban neighborhood development consisting of apartment buildings that re-purposed an existing hospital campus

Intent: Carbon neutral, innovative energy efficiency methods, strict reductions on waste during construction

S Sit+Place GOALS: (Food) Not defined; (Habitat+Biodiversity) Not defined; (Transport) 80% commuting without cars

STRATEGIES: (Food) Not reported; (Habitat+Biodiversity) 30% landscaped; (Transportation access, bicycling infrastructure including 2.5 bike storage spaces per apartment, close proximity to services, walking paths through community



GOALS: Water consumption: 40 gal/ person/day, 90% of stormwater retained on-site

STRATEGIES: Stormwater fills reflecting pools in public spaces, reservoir bodies of crushed stone, underground retention tanks, individual metering of tap water



GOALS: Carbon Neutral. Energy Demand: 34.1 kBtu/ft²

STRATEGIES: Reduce energy demand by 30%, building energy management system, district heating, solar panels, individual metering, heat recovery ventilation, CO2 calculations to compare different building scenarios, energy use estimates and requirements



Percentage of affordable units: Not defined

GOALS: Not defined

STRATEGIES: Buffer traffic noise, good indoor air quality, biophilic design, community was designed to maximize access to natural resources, roof gardens, balconies, recreational areas within the community, education on using energy technology in apartments, walkable



GOALS: (Materials) 25% of materials contained recycled content; (Waste) Operations waste: 290 lbs/person/yr separated: 80% organics, 70% recycling, garbage

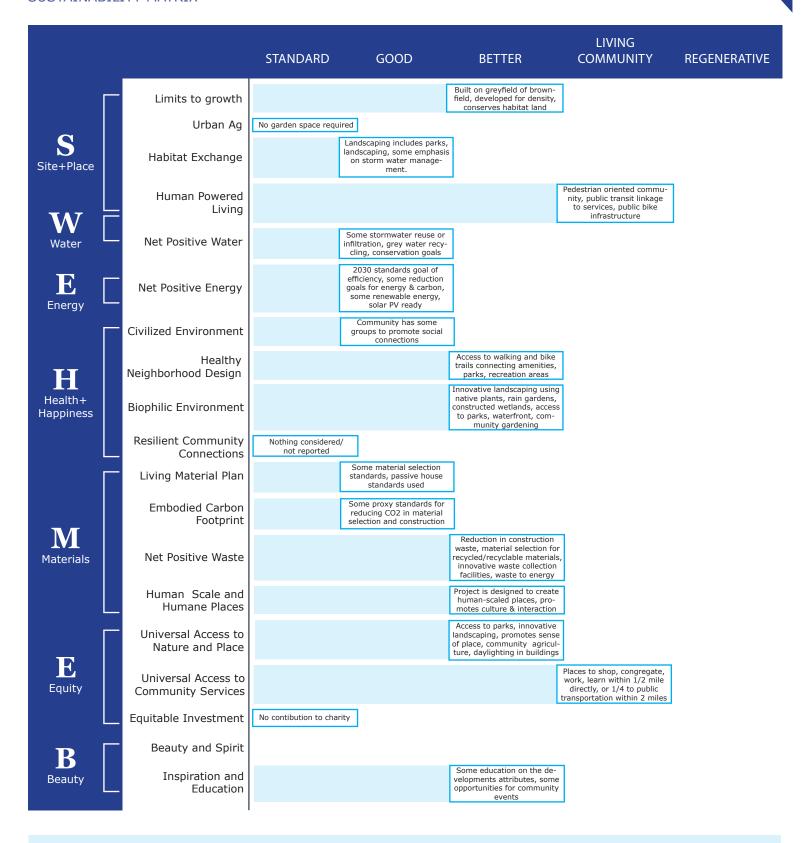
STRATEGIES: (Materials) Material selection for indoor air quality, life-cycle of materials used is documented; (Waste) 98% demolition waste was recycled. Hazardous waste was disposed of properly. 75% of construction waste recycled







SUSTAINABILITY MATRIX



SOURCES:

http://www.statsbygg.no/Files/prosjekter/pilestredetPark/PP_brosjyreEng.pdf





