Housing People Sustainably

One Planet Living – The built environment and beyond
Mike Hill: WestWyck
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Market Failure

• sprawling city an unsustainable model predicated on the constant release of ‘cheap’ land
• devouring productive land / threats to bio diversity
• social failure / unsustainable lifestyles
• car dependency / the transport deficit
• poor design and unaffordable living
Thriving Urbanism: the new public domain

- contained city / legible city / compact city
- interactive city / watchful city / diverse city
- walkable city / public transport city
- mixed use neighbourhoods / good public places / multi-function villages / markets
- quality public infrastructure: boulevards / median strips / parks / grand buildings / durable materials
- commitment to the public realm
- sustainable city / water / energy / materials

Brunswick West Primary c1900
PS #2890 circa 2000

WestWyck open SHD September 2010
The Vision

- create a project that is influential in setting new standards for quality sustainable design and sustainable living
- recycle a notable Brunswick landmark building and respect the heritage characteristics of the neighbourhood and the building
- facilitate the creation of a sustainable urban community sharing common local native and productive gardens
- maximise the opportunity provided by a designated 'Urban Village' and reduce reliance upon motor vehicle usage
- develop a residential site according to key sustainability principles of 'materials efficiency', 'energy efficiency' and 'water efficiency'
Urban renewal

Bums and pumpkins
Low energy housing

Water driven landscaping
Roof – hot water

Recycled bricks
How can One Planet Principles Help WestWyck?

• connects us with an international movement to reduce our human footprint
• links WestWyck to other sustainable development models around the world
• cradle to grave / start to finish targets
• provides an additional sense of purpose to all associated with the development