P5 Presentation

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Date: 29.06.2011
Site & Urban Strategy
Site - Tower Hamlets
Conclusion & Problems

Accessibility

Fragmentation

Marginalization
Conclusion & Problems
Urban Strategy - Spine Pedestrian Street
Densification

existing situation

proposed strategy
Current Conditions in London & Tower Hamlets
Shift to Service Industry in London

Change of Manufacturing and Finance & Business Services in London from 1961 to 1998
Unemployment in Tower Hamlets, 2006
In 2008, Tower Hamlets has the 3rd highest level of unemployment (17%) amongst young people (16-24 year olds) in London.
Low skills

Percentage of adult population with no qualifications in 2008

- Tower Hamlets: 30%
- London: 15%
- UK: 10%
No Qualification & Low Average Income

No Qualifications

Average Income
Strategy
Polarization
Economic Opportunities
Urban Strategy
Programme
Programme

- vocational training school - culinary training
- commercial activities - bars, cafe, restaurants
- food cooking & delivery factory
Vocational training school - culinary training

Aim: train students into a professional chef / entrepreneur of a restaurant, so that they can work as a chef and open their own restaurant
Vocational training school - culinary training

target: young people with little skills and unemployed

[Logos: Apprenticeships, Department for Employment and Learning]
Vocational training school - culinary training

target: young people with little skills and unemployed

operation/management: Apprenticeships, Employment and Learning

Tower Hamlets College
Vocational training school - culinary training

- **Target**: young people with little skills and unemployed
- **Operation/Management**: Apprenticeships
- **Funding**: Tower Hamlets College

Building schools for the future
Vocational training school - culinary training

**Target:** young people with little skills and unemployed

**Operation/Management:**
- Apprenticeships
- Department for Employment and Learning
- Tower Hamlets College

**Funding:**
- Building schools for the future

**Ownership:**
- Tower Hamlets
Commercial activities - bars, cafe, restaurants

Aim:
- to bring income to local people (from Canary Wharf)
- to create centrality (part of urban strategy)
- to provide business / training opportunity for students
Commercial activities - bars, cafe, restaurants

- management & ownership
- funding

private developers
Commercial activities - bars, cafe, restaurants

- **Management & Ownership**: private developers
- **Funding**: private developers
- **Nature**: more middle class bars & restaurants
  - mainly operated at night
  - students can also work part time to gain money & experience
Commercial activities - bars, cafe, restaurants

- **management & ownership**: private developers
- **funding**: private developers
- **nature**: more middle class bars & restaurants
  - mainly operated at night
  - students can also work part time to gain money & experience
  - small scale and more affordable for local people and students
  - students can start their business
Food Cooking and Delivery Factory

Aim:
- to deliver meals to working people in Canary Wharf
- to provide a practice opportunities for students in cooking schools
Food Cooking and Delivery Factory

management & ownership

private developers

funding

private developers
Food Cooking and Delivery Factory

management & ownership

private developers

funding

private developers

nature

coperaion between private developers & school
Complementary Relationship
Site
Connection to Canary Wharf
Connection to Tower Hamlets College
Problem - dead & left over space
Removal of residential buildings
Relocation of residential buildings
Problem - cut off
Cut-off Problem
Sunken spine
Linear Connection Gesture
Integrated Spine, Circulation & Building
Existing Bridge & DLR Station
Connection from Underground to Bridge
Commercial Activities
Spine & Building
Spine & Building
Spine & Building
Catering Activities
Catering Activities Along Circulation
Catering Activities Along Circulation
Catering Activities Along Circulation
Catering Activities Along Circulation
Cooking School
Production Line

learning

practising

working

producing
Folding of Production Line
Access
School Organization
School Organization
School Organization
Cooking Factory
Access
Vehicular Access
Loading & Unloading

car park / loading
unloading
Cooking Process Production Line as a Loop
Systematic Logistic Principle
Master Plan - Connection
Existing Pedestrian Street
Car Park
Incubation Centre
Residential Blocks
Master Plan
Materials & Facade
Facade & Material
Facade & Material
Facade & Material
Facade & Material
Facade & Material

Facade & Material

- kabip aluminium profiled sheets with stainless-steel clips
- 25mm ventilated cavity
- neoprene seal
- 80mm black mineral-wool thermal insulation

- expanded aluminium metal mesh panels fixed with stainless-steel clips
- ribbed aluminium sheeting
- 15mm ventilated cavity
- neoprene seal
- 80mm black mineral-wool thermal insulation
- 150mm reinforced concrete