P5 Presentation

"Westminster City Tall
The Underground Plinth"

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Zaal T

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WESTMINSTER CITY HALL

ASSIGNMENT HIGH-RISE WORKSHOP FALL 2011 AND EXCERPTS FROM INITIAL STUDY OMA 08 JUNE 2011

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LONDON // WESTMINSTER AREA

TALL / MATERIALIZATION / P5 / JAN 2013
I AM A MONUMENT

?
PRESERVATION

mass noun

the action of preserving something:

- the preservation of the city’s green spaces
  - food preservation

the state of being preserved, especially to a specified degree:

- the chapel is in a poor state of preservation
- LIMITED ACCESSIBILITY (EXCLUSIVE)
- NON-INVITING
- VISUAL & PHYSICAL OBSTACLE
- NOT CONTRIBUTING AGAINST URBAN DENSITY

- INSTINCTIVE ACCESSIBILITY (INVITING)
- CREATES OPEN SPACE WITH POTENTIALS
- CONTRIBUTES AGAINST URBAN DENSITY
westminster university TALL

TALL / MATERIALIZATION / P5 / JAN 2013
MATERIALIZATION

SCALE 1:50

1. FACADE BOX SYSTEM 300mm
   DOUBLE GLAZING / UV PROTECTION
   INTEGRATED IN GLAZING

2. CONCRETE PANELS 20mm
   NATURAL COLOR / BARE
   CONCRETE - STEEL
   MOLD TEXTURE

3. WOODEN PLANKS CLADDING
   WIDTH: 150mm
   THICKNESS: 20mm

4. REINFORCED AQUARIUM
   GLASS 55mm
   STEEL FRAME

5. CONCRETE PANELS 20mm
   DARKEN COLOR / BARE
   CONCRETE - STEEL
   MOLD TEXTURE
   FOR TOWER CORE

6. CONCRETE PANELS 20mm
   BEIGE COLOR / POROUS
   STONE TEXTURE

7. YELLOW STONE CLADDING
   20mm FOR ALL WCH’s
   STRUCTURAL ELEMENTS
1. PARTIAL DEMOLITION OF KGM BUILDING
2. EMPTY WCH FLOORS
1. OPEN SHAFTS FOR PILARS.
2. PLACE PILES IN GROUND.
1. The site is empty to place materials.
2. Truss pillars are placed in the shafts to reinforce the old KGH.
1. THE SITE IS EMPTY TO PLACE MATERIALS.
2. EXCAVATE PITS AROUND WHICH TO REINFORCE THE FOUNDATION.
PLACE SIDE SLABS WITH DEEPER PILES TO PREVENT TWIST OF WCH.
1. REPLACE THE OLD, COSMETIC WITH NEW, STRUCTURAL.
2. OUTRIGGER TRUSSES PLACED INSIDE AND OVER THE WCH.
1. Extend the pillars up to max height.
2. Placement of the rest of outrigger trusses.
EXTEND THE FAÇADE COLUMNS AND CONNECT THEM WITH THE TRUSSES.
HORIZONTAL STRUCTURE: BEAMS & SLABS OF NEW PART.
1. PLACEMENT OF FAÇADE WINDOW SYSTEMS IN ALL 4 SIDES.
2. DEMOLISH THE REST OF KGH.
PLACEMENT OF FAÇADE WINDOW SYSTEMS IN ALL 4 SIDES.
1. Complete building the new and the refurbished WCH.
2. Excavating the sunken plaza.
1. CREATE THE LAND FORMATION FOR THE PLAZA.
2. CREATION OF THE SUBWAY STATION PARALLEL TO THE LINES.
1. BUILD THE LIBRARY/THEATRE BUILDING.
2. CONNECT IT WITH THE OLD WESTMINSTER CITY HALL.
COMPLETE THE BUILDINGS, PLACE PLANTING AND OUTDOOR EQUIPMENT IN THE PLAZA.
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