Project Title:

FEVER IN ROTTERDAM

TIMMERHUISHUIS VERSION 3.0
IN WHICH WAY IS PUBLIC SPACE AFFECTED BY CAPITAL FLOWS AND FINANCIAL - ORIENTED DECISIONS (?)

[In the context of neoliberal or conservative politics]
Follow the money:

THE NETWORK
visualization of ASSUMPTIONS FOR PREPARATORY CREDITS 2009, 2012 (table 3.)

B. PROGRAM

Phase 1: programmatic fluctuation among 2009 - 2012
Design Approach:

THE PUBLIC REALM
Building Technology:

CREATIVE REUSE
<table>
<thead>
<tr>
<th>#</th>
<th>TYPE</th>
<th>DIM.</th>
<th>LOCATION</th>
<th>PLACEMENT</th>
<th>PROCESS</th>
<th>RECYCLING</th>
<th>New Typo</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>graniet</td>
<td>20 &amp; 30 mm [width]</td>
<td>surface finishes; 1. façade, 2. columns</td>
<td>mounted</td>
<td>attached</td>
<td>demounting</td>
<td>façade finishes</td>
</tr>
<tr>
<td>02</td>
<td>kalkzandsteen</td>
<td>= 250mm [width]</td>
<td>coating next to steel doors</td>
<td></td>
<td></td>
<td>extract process will result in trimmed small elements</td>
<td>mosaic tiles</td>
</tr>
<tr>
<td>03</td>
<td>vulbeton</td>
<td>not applicable</td>
<td>columns; around concrete</td>
<td>1. façade, 2. columns, walls, floors, ceilings</td>
<td>placed during construction</td>
<td>removed by excavation</td>
<td>bi-material for new concrete</td>
</tr>
<tr>
<td>04</td>
<td>in situ concrete</td>
<td>not applicable</td>
<td>columns; walls, floors, ceilings</td>
<td>3. exterior foundation</td>
<td>placed during construction</td>
<td>removed by excavation</td>
<td>bi-material for new concrete</td>
</tr>
<tr>
<td>05</td>
<td>prefab beton</td>
<td>200mm [width]</td>
<td>wall elements, floor, beam</td>
<td>placed during construction</td>
<td></td>
<td>bi-material for new concrete</td>
<td>serves as the gravel</td>
</tr>
<tr>
<td>06</td>
<td>roofmate</td>
<td>40mm [width]</td>
<td>columns; outer building skin</td>
<td>coating</td>
<td>placed in-between other elements during site work</td>
<td>cut-out with simple tools</td>
<td>industrially recycled into brand new roofmate</td>
</tr>
<tr>
<td>07</td>
<td>minerale wol</td>
<td>75mm [width]</td>
<td>outer building skin</td>
<td>coating</td>
<td>placed in-between other elements during site work</td>
<td>extract process will result in trimmed small elements</td>
<td>used in hydroponics; nutrient retainer &amp; mechanical structure</td>
</tr>
<tr>
<td>08</td>
<td>Foamglas*</td>
<td>40mm [width]</td>
<td>1. walls, 2. below-grade (under slabs)</td>
<td>placed in-between other elements during site work</td>
<td></td>
<td>removed by excavation</td>
<td>reprocessing into new product</td>
</tr>
<tr>
<td>09</td>
<td>Heraklis EPV*</td>
<td>100mm [width]</td>
<td>span among steel beams; floors &amp; ceilings</td>
<td>attached to wooden beams next to mineral wool</td>
<td></td>
<td>used in garder-roofs</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>simple glass</td>
<td>8mm [width]</td>
<td>glazed façade elements</td>
<td>mounted</td>
<td>attached</td>
<td>demounting</td>
<td>1. furniture, 2. sport equipment</td>
</tr>
<tr>
<td>11</td>
<td>sunproof glass</td>
<td>10 &amp; 8mm [width]</td>
<td>glazed façade elements</td>
<td>mounted</td>
<td>attached</td>
<td>demounting</td>
<td>3. scaffolding material</td>
</tr>
<tr>
<td>12</td>
<td>Tempered glass</td>
<td>6mm [width]</td>
<td>glazed façade elements</td>
<td>mounted</td>
<td>attached</td>
<td>demounting</td>
<td>4. playground equipment</td>
</tr>
<tr>
<td>13</td>
<td>Multiplex</td>
<td>18 &amp; 30mm [width]</td>
<td>elevators' shaft panels</td>
<td>screw-bolted on metallic elements</td>
<td>designed to be demountable</td>
<td>5. frame (mold) for casting the concrete</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>houten balken</td>
<td>45 x 120 [w x h]</td>
<td>1. floors, 2. ceilings</td>
<td>attached to Heraklis EPV*</td>
<td>screw-bolted on steel beams</td>
<td>addition to vertical circulation system (interior)</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>window cleaning platform</td>
<td>272 x 63 x 145cm [l x w x h]</td>
<td>terrace</td>
<td>external object - non integrated in the building</td>
<td>reposition</td>
<td>1. light-duty construction equipment; used for transporting demounted elements from higher floors</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>water reaching [vertical] concrete slabs</td>
<td>350cm [width]</td>
<td>specific façade spots</td>
<td>built inside concrete slabs</td>
<td>demounting or excavation</td>
<td>2. addition to vertical circulation system - used as small façade elevators</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>water dispenser</td>
<td>317 x 317 x 1500 [l x w x h]</td>
<td>office floors</td>
<td>placed among offices for convenience</td>
<td>reposition and post-manipulation</td>
<td>1. used as an interior water source (for common access)</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>ROBECO façade logo</td>
<td>250 x 150 cm [l x h] roughly for each single letter</td>
<td>façade</td>
<td>attached on the top part of the tower façade</td>
<td>detachment</td>
<td>2. used horizontally inside bathrooms</td>
<td></td>
</tr>
</tbody>
</table>

*Foamglas* and *Heraklis EPV* are materials typically used in insulation and structural applications, respectively. The table details various materials used in a specific project, including their dimensions, placement, process, and recycling considerations.
FACADE CLADDING: GRANITE TO WINDOW (FIXED) CONNECTION DETAIL (isometric view)

- granite panel (removable)
- insulation
- anchor
- track joint
- aluminum frame (head profile)
- aluminum frame (sill profile) FS80GB1

Checklist:
- materials placed on site
- items framed in situ elements
- lead in-situ elements

Note:
- 1
- 2
- 3
- 4
- 5
- 6
- 7
FLOOR JOISTS AT INTERIOR BEARING WALL CONNECTION DETAIL [isometric view]

- material parts found on site
- Robeco floor retrofitting elements
- brand new material(s)

JOIST TRACKS

screw guides adjacent to stud

TRACK

limestone [inside wall]

JOIST

WEB STIFFENER [this side or fit between joist flanges]

WALL STUD

concrete slab [inside wall]
FLOOR TO I-BEACON SIDE CONNECTION & EXTENSION FOR WOOD DECK BALCONY [isometric view]

- material parts found on site
- Reko Tower retrofitting elements
- brand new material(s)

- HEB260 (structural beam)
- WOOD blocking (secured to I-beam)
- joist hanger
- multiple joist members (alternative solution)
- joist hanger or clip angles
- wooden beam
- wall stud
- track section attached to joist through TOP & BOTTOM flanges
- weld size & length or fasteners
- wood planking
- solid blocking between joists
HD400 [structural beam]

metal stiffeners

wooden beam

wood planking

joist hanger or clip angles

wooden beam

VERSION 2
... since the violent insertion of the railway into the city center it was commonly accepted that Rotterdam’s growth would eventually get uglier...
