BLOCK B
FAMILY HOUSING TYPOLOGY

"VERTICAL FLEXIBILITY" EXAMPLES

SCALE 1:100

OUTER FACADE
SCALE 1:50

SECTION A-A
SCALE 1:50

FLOOR PLAN LEVEL 0
SCALE 1:50

COMMUNITY SPACE FACADE
SCALE 1:50

SECTION B-B
SCALE 1:50

FLOOR PLAN LEVEL 1
SCALE 1:50

SIDE FACADE
SCALE 1:50

SECTION C-C
SCALE 1:50

FLOOR PLAN LEVEL 2
SCALE 1:50
OUTER FACADE LAYERS:
1. ARGON-FILLED DOUBLE GLAZING - 31mm
2. AIR CAVITY - 65mm
3. PCV PANEL - 4mm
4. MONIFLEX TRANSLUCENT CELULOSE INSULATION - 140mm
5. PCV PANEL - 4mm

STAINLESS STEEL SPIDER SYSTEM
PRIMARY STEEL POST - 600 x 300 x 4mm
FACADE BRACING SYSTEM TENSION CABLE - 30mm
LAMINATED WOOD FACADE STRUCTURE MEMBER - 50 x 150mm
LAMINATED WOOD FACADE FRAME - 40 x 250mm
LAMINATED WOOD FACADE STRUCTURE - 250 x 50mm
COATED STEEL PLATE - 1mm
WATERPROOF INSULATION
VAPOUR MEMBRANE
3D FRAME FLOOR STEEL MEMBER - 100 x 50mm
3D FRAME FLOOR GIRDER CONNECTING NODE, WELDED STEEL PLATES 20 - 10mm
FACADE BRACING CONNECTING NODE, WELDED STEEL PLATES 20mm
FACADE BRACING HORIZONTAL MEMBER, STEEL 200mm / 20mm
MINERAL WOOL THERMAL INSULATION 110-150mm
BIRCH MULTIPLEX  CEILING CLADDING - 20mm

EXTERNAL WALL LAYERS:
1. COATED STEEL PLATE - 1mm
2. WATERPROOF INSULATION
3. MINERAL WOOL THERMAL INSULATION - 50mm
4. WIND BARRIER
5. VENTILATION CAVITY - 80mm
6. MINERAL WOOL THERMAL INSULATION - 150mm
7. BIRCH MULTIPLEX - 20mm

PREFABRICATED FLOOR PANEL:
1. BIRCH MULTIPLEX - 20mm
2. LIGHT CONCRETE PANEL - 30mm
3. PE MEMBRANE
4. POLYURETHANE ACOUSTIC INSULATION - 40mm
5. BIRCH MULTIPLEX - 10mm
LAMINATED WOOD REMOVABLE FLOOR BEAM - 150 x 50mm
FLOOR HEATING RADIANT PIPE