existing 350mm thick brickwork cavity wall to be demolished

existing 230mm thick concrete retaining wall to be demolished

KONE "MONOSPACE" 13 person (1000kg) personnel elevator - by specialist

new cast in-situ concrete basement retaining wall - by engineer

new 250x450 cast in-situ concrete columns - by engineer

BASEMENT LAYOUT - DEMOLITION & NEW 'WET' CONSTRUCTION WORKS

BOUKUNDE I - ORIGINAL STRUCTURE

BOUKUNDE II - BRICKWORK INFILL

BOUKUNDE III - DEMOLITION WORK

BOUKUNDE III - STRUCTURAL FRAMEWORK

BOUKUNDE III - ADDITIONAL FLOOR AREA
existing 100mm thick concrete surface bed to be demolished through to basement excavation - edges made good

new 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs

new 250x450 cast in-situ concrete columns - by engineer

new 300mm diameter cast in-situ 'eccentric axis' concrete columns - by engineer

existing 178mm thick concrete walls to be demolished as per detail layout - by specialist
1st FLOOR LAYOUT - DEMOLITION & NEW 'WET' CONSTRUCTION WORKS

- New 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs
- New 250x450 cast in-situ concrete columns - by engineer
- New 300mm diameter cast in-situ 'eccentric axis' concrete columns - by engineer
- Existing 178mm thick concrete walls to be demolished as per detail layout - by specialist
new 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs

new 250x450 cast in-situ concrete columns - by engineer

new 250x250 cast in-situ concrete beams with 300mm cantilever - by engineer

new 250x250 cast in-situ concrete perimeter eaves tie-beam - by engineer

*existing 178mm thick concrete walls to be demolished as per detail layout - by specialist
new 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs

new 250x450 cast in-situ concrete columns - by engineer

new 250x250 cast in-situ concrete beams with 300mm cantilever - by engineer

new 250x250 cast in-situ concrete perimeter eaves tie-beam - by engineer

*existing 178mm thick concrete walls to be demolished as per detail layout - by specialist
new 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs

new 1000mm wide cast in-situ concrete box gutter with pilaster supports at existing column centres - by engineer

new 300mm square hot-dip galvanised tubing profile - cast into new roof parapet infill (north) & box gutter side wall (south) - see detail

KONE "MONOSPACE" 13 person (1000kg) personnel elevator - by specialist

new brickwork beam fill - made good to underside of box gutter and existing roof slab (computer lab & ablution block)

new 40mm thick ‘opal’ polycarbonate ‘multiwall’ paneling within aluminium u-profile framework with round bar torsion frame - by specialist

*polycarbonate walling to replace 115mm brickwork office south end walls - existing door & frames to remain in place