

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

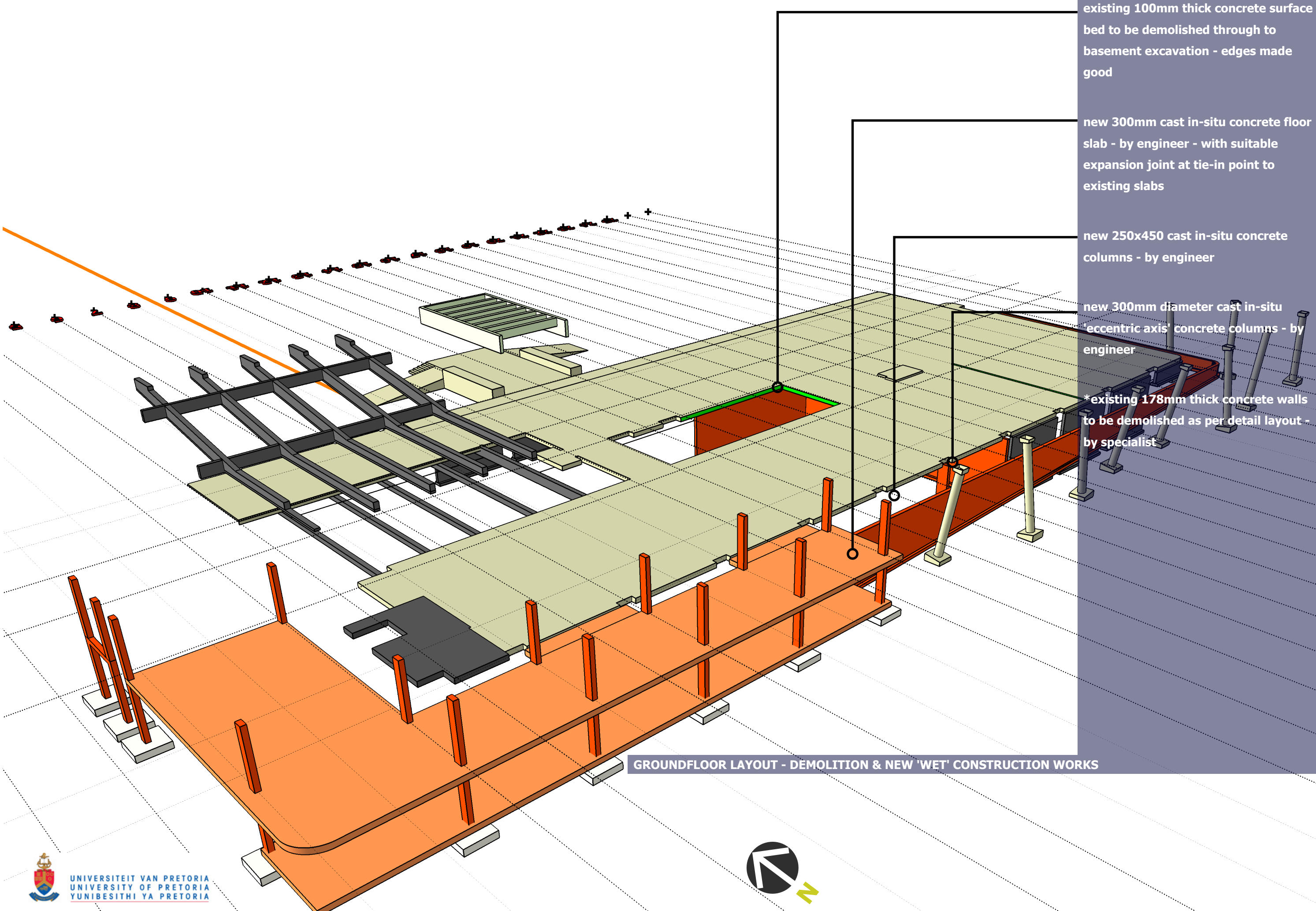
new cast in-situ concrete basement retaining wall - by engineer

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

**BASEMENT LAYOUT - DEMOLITION & NEW 'WET' CONSTRUCTION WORKS**

- BOUKUNDE I - ORIGINAL STRUCTURE**
- BOUKUNDE II - BASEMENT & FOUNDATIONS**
- 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

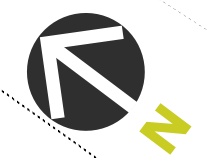
new 300mm cast in-situ concrete floor slab - by engineer - with suitable expansion joint at tie-in point to existing slabs

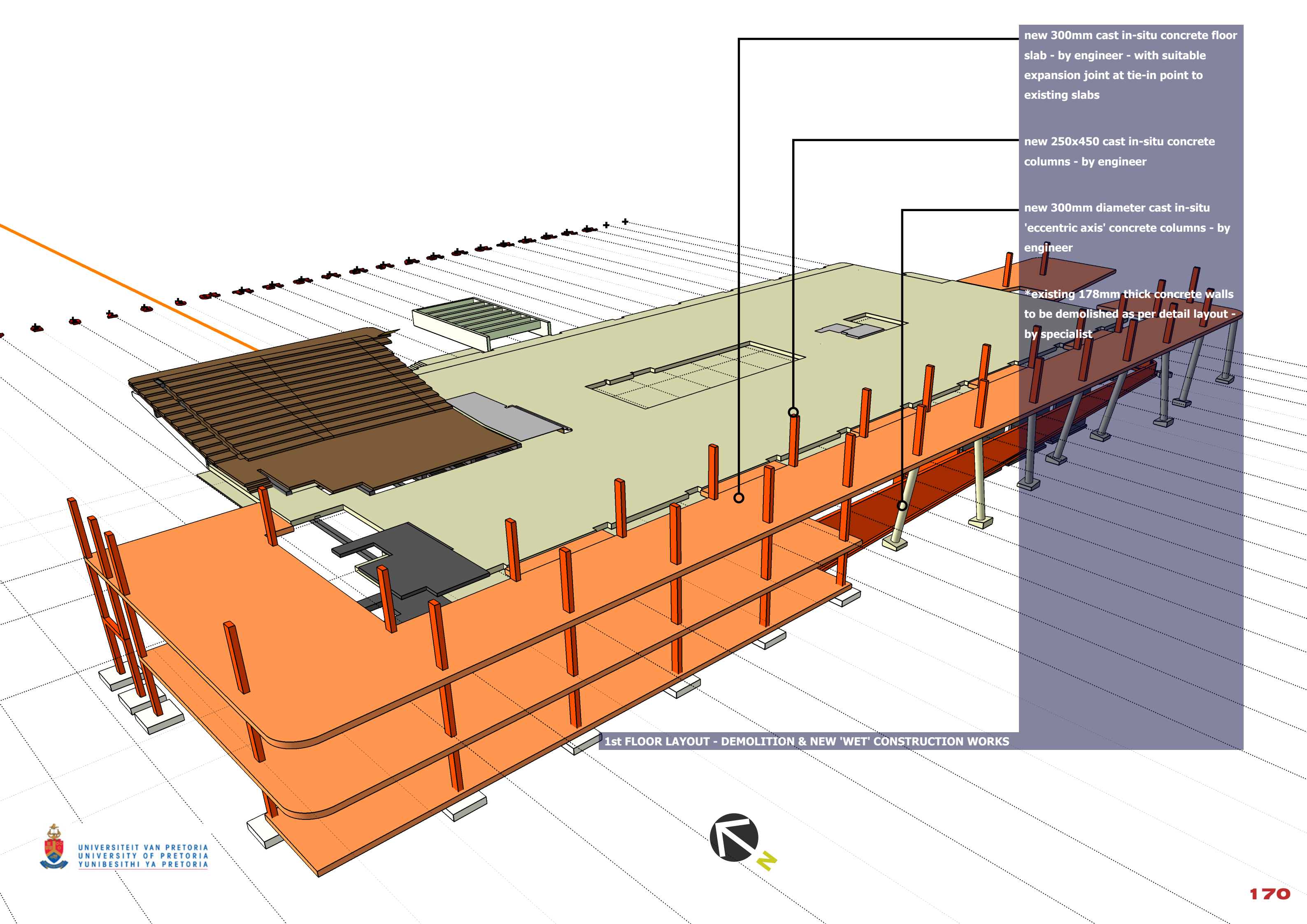
new 250x450 cast in-situ concrete columns - by engineer

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

GROUND 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

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

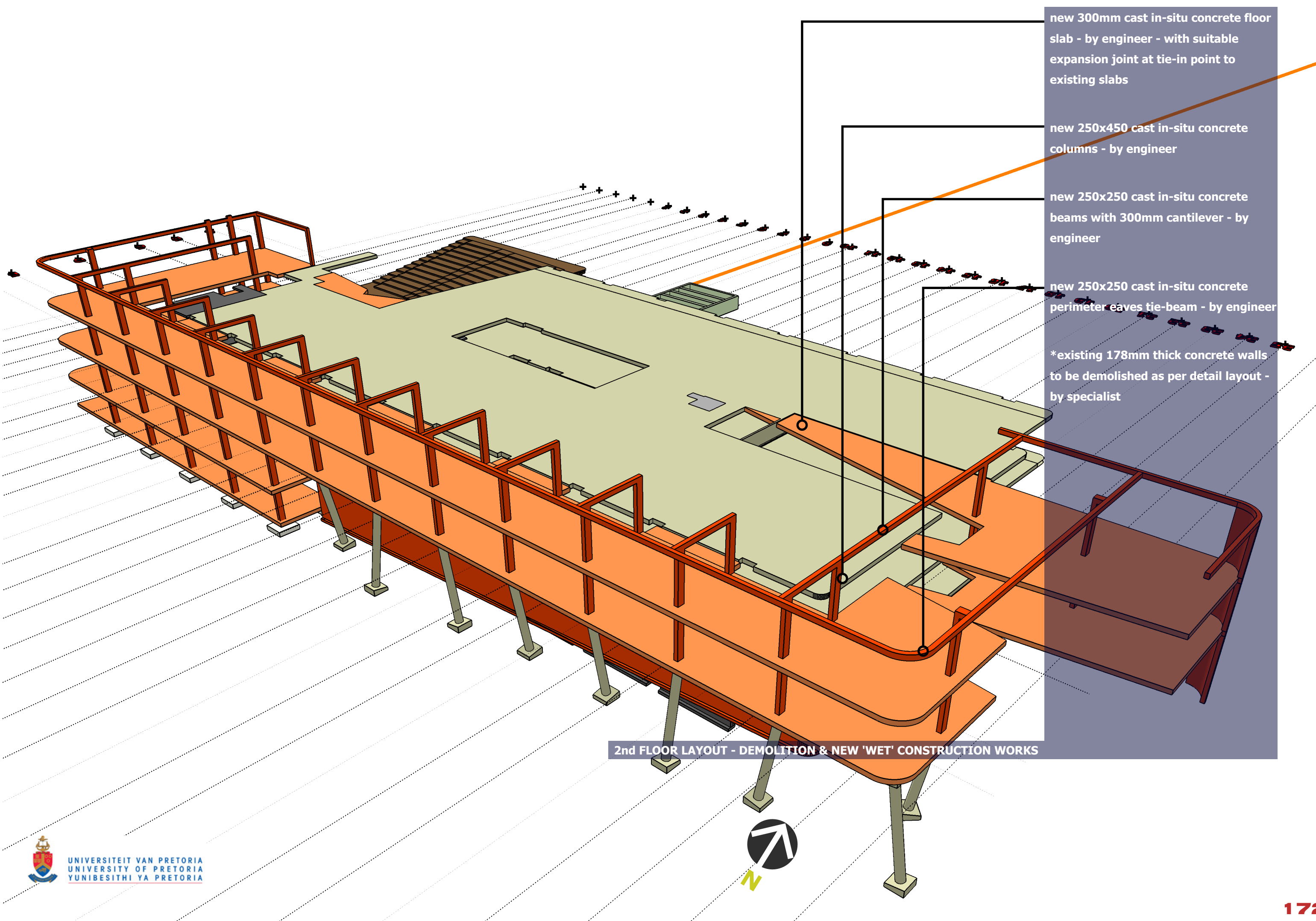
new 250x250 cast in-situ concrete beams with 300mm cantilever - by engineer

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

2nd 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

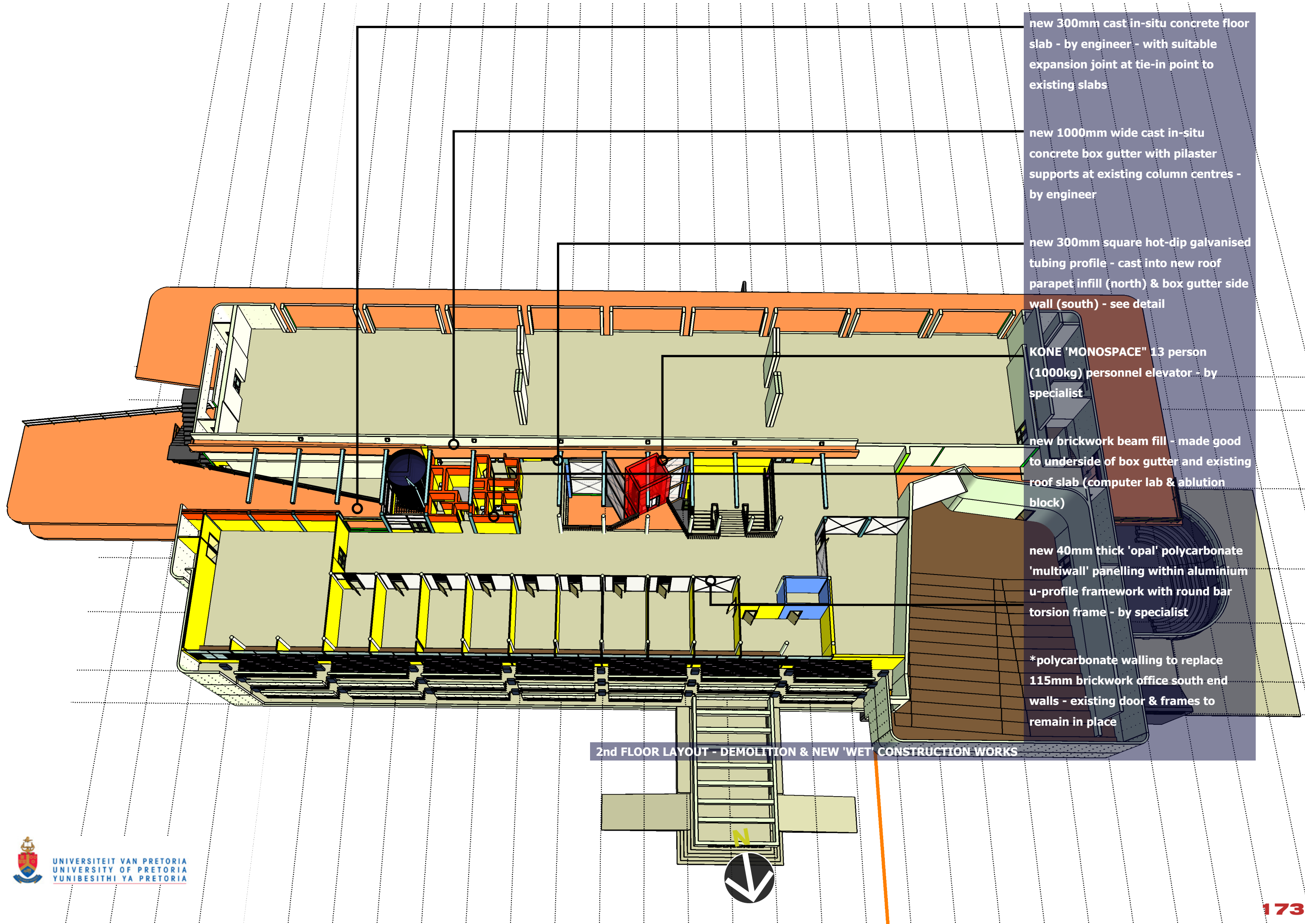
new 250x450 cast in-situ concrete columns - by engineer

new 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

2nd 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 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' panelling 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

2nd FLOOR LAYOUT - DEMOLITION & NEW 'WET' CONSTRUCTION WORKS