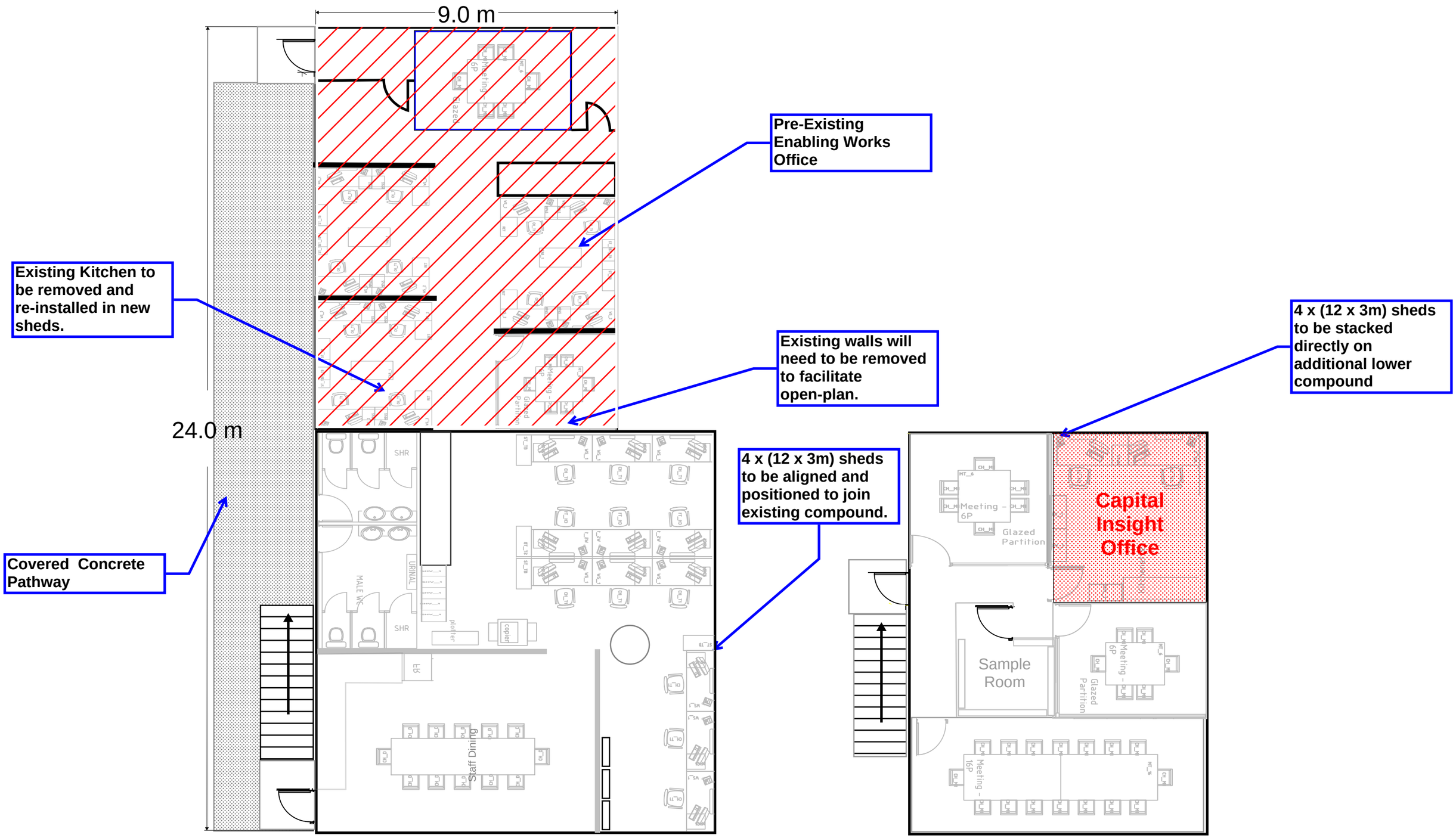

Bottom Floor **Top Floor**

Brookfield MULTIPLEX | BM

UNSW Science & Engineering Building

BMPX Site Office - Expansion

SK-MW-006a

B5
GYMNASIUM

B7
SQUASH COURTS

C6a

INTERNATIONAL RD

B8
UNIVERSITY TERRACES

GATE 2 AVE

B10
UNIVERSITY VILLAGE

POOL LAWN

1ST AVENUE WEST

C6
INTERNATIONAL HOUSE

THIRD AVE

5,999.9 mm

GFA
1800m²

40m
5.5T

20m
17T

8m
51T

D9
STUDIO
FUTURE DEMOLITION

D10
FUTURE
DEMOLITION

3,088.3 mm

3,250.0 mm

BMPX
SITE
OFFICE

2,000.0 mm

EMERGENCY
ASSEMBLY
POINT

COLLEGE WALK

Footpath to be widened for pedestrian traffic.

60,000.0 mm

B CLASS HOARDING

E10
MATERIAL SCIENCE & ENGINEERING

Liebherr LTM 1030
130T Mobile Crane

E6
ROUNDHOUSE

Liebherr 316 EC-H
60m radius

ALIGN SEB SOUTH FACADE TO MSEB

56100

12,051.6 mm

6000

UNION RD

Twin Alimak
20/32 Hoist

F8
LAW BUILDING

LEGEND

- Site Boundary (A Class Hoarding)
- Site entry - personnel only
- Site entry/exit - construction traffic
- SEB Outline
- Site Shed (double stacked)
- Loading platforms
- Hoist
- Scaffold Stretcher Stair
- Walkway and 10kPa Overhead Protection
- Materials storage/lay down area
- Construction Traffic

Brookfield MULTIPLEX | BM

UNSW Science & Engineering Building
SITE SET UP - Materials Handling & Vertical Transport

SK-MW-007a
Rev 02, 02.07.16

B5
GYMNASIUM

B7
SQUASH COURTS

C6a

B8
UNIVERSITY TERRACES

INTERNATIONAL RD

GATE 2 AVE

B10
UNIVERSITY VILLAGE

Access Route For Construction Personnel

THIRD AVE

1ST AVENUE WEST

POOL LAWN

LEGEND

University Foot Traffic

Construction Personnel

Gate 1

Gate 1A

27.550

29.150

SEB SITE

D9
STUDIO
FUTURE DEMOLITION

D10
FUTURE
DEMOLITION

BMPX
SITE
OFFICE

2.4m

EMERGENCY ASSEMBLY POINT

Gate 2

42900

E4
SQUAREHOUSE

E6
ROUNDHOUSE

Pedestrian Underpass

E10
MATERIAL SCIENCE & ENGINEERING

28.400

Gate 3A

Gate 3B

56100

6000

UNION RD

F8
LAW BUILDING

Drawing Key

00.00	Proposed RL's
00.00	Existing RL's
	Proposed building outline
	Proposed site boundary

Brookfield MULTIPLEX | BM

UNSW Science & Engineering Building

Traffic Management - Pedestrian

SK-MW-008a

B5
GYMNASIUM

B7
SQUASH COURTS

C6a

INTERNATIONAL RD

B8
UNIVERSITY TERRACES

GATE 2 AVE

B10
UNIVERSITY VILLAGE

POOL LAWN

1ST AVENUE WEST

C6
INTERNATIONAL HOUSE

Construction zone for all mobile crane & extended basement construction. Third Ave Contraflow

THIRD AVE

GREY SHADING INDICATES ONE WAY FLOW FOR ALL TRAFFIC. NO CONTRA FLOW IN THESE AREAS

Gate 1

Gate 1A - Personnel entry

Gate 2

B CLASS HOARDING

D9
STUDIO
FUTURE DEMOLITION

D10
FUTURE
DEMOLITION

BMPX SITE OFFICE

EMERGENCY ASSEMBLY POINT

SITE AMENITIES COMPOUND

Concrete pumping zone

SEB SITE

COLLEGE WALK

E4
SQUAREHOUSE

E10
MATERIAL SCIENCE & ENGINEERING

E6
ROUNDHOUSE

ALIGN SEB SOUTH

UNION RD

Construction zone for all crane and loading lock deliveries. Union Rd Contraflow

Sliding gate for future deliveries to SEB Loading Dock

Drawing Key

00.00	Proposed RL's
00.00	Existing RL's
	Proposed building outline
	Proposed site boundary

UNSW Science & Engineering Building

Traffic Management - Construction Vehicles

SK-MW-008b

INDICATIVE WAITING ZONE FOR CONSTRUCTION VEHICLES. SUBJECT TO COUNCIL APPROVAL

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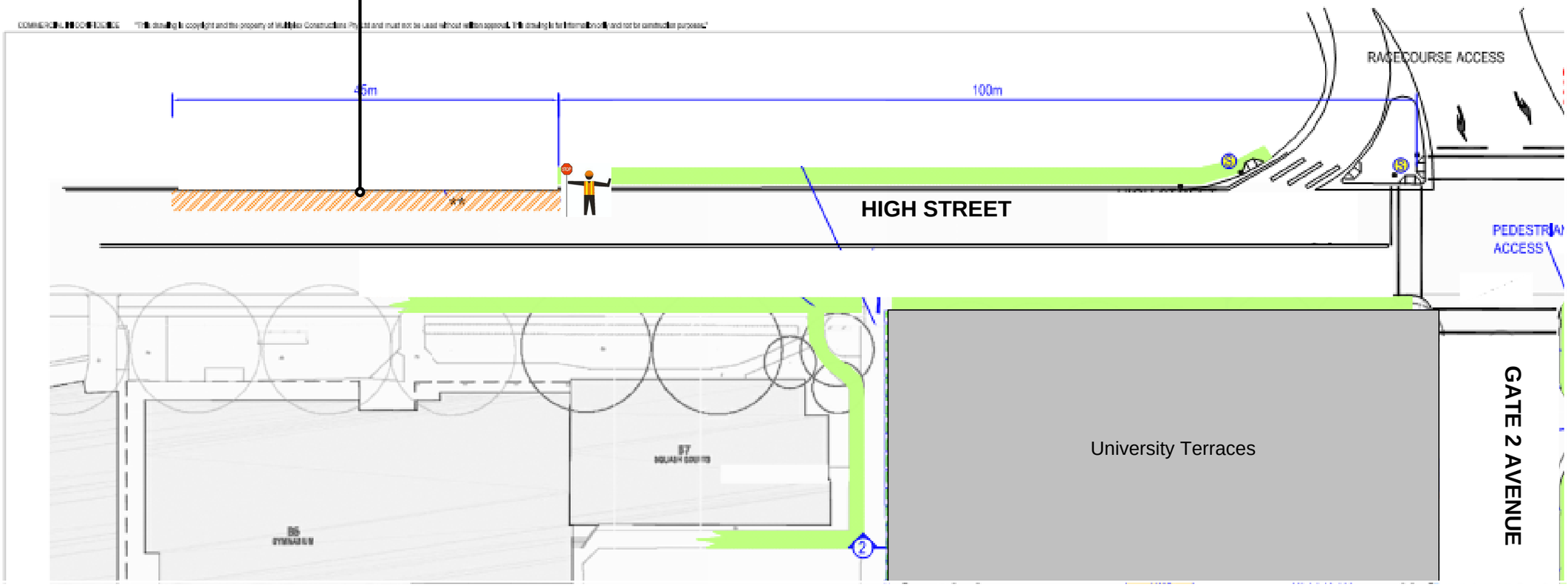

Brookfield MULTIPLEX BM

UNSW Science & Engineering Building

Traffic Management - Waiting Zone

SK-MW-008c

B5
GYMNASIUM

B7
SQUASH COURTS

C6a

C6
INTERNATIONAL HOUSE

POOL LAWN

1ST AVENUE WEST

INTERNATIONAL RD

B8
UNIVERSITY TERRACES

GATE 2 AVE

B10
UNIVERSITY VILLAGE

THIRD AVE

B CLASS HOARDING

LIEBER 316 E-CH
2.6 - 24.3m - 12000kg
(Max. Capacity)

SEB SITE

30m - 9090 kg

40 - 7600 kg

50m - 4800 kg

60m - 4100 kg

D9
STUDIO
FUTURE DEMOLITION

D10
FUTURE
DEMOLITION

24,088.3 mm

BMPX
SITE
OFFICE

EMERGENCY
ASSEMBLY
POINT

COLLEGE WALK

E10
MATERIAL SCIENCE & ENGINEERING

ALIGN SEB SOUTH
FACADE ABOVE

UNION RD

E4
SQUAREHOUSE

E6
ROUNDHOUSE

F8
LAW BUILDING

Drawing Key	
00.00	Proposed RL's
00.00	Existing RL's
	Proposed building outline
	Proposed site boundary

Brookfield MULTIPLEX | BM

UNSW Science & Engineering Building

Material Handling - Crane Radius

SK-MW-009a