N

VICTORIA HARBOUR

80

80

CENTRAL
VENTILATION
BUILDING

●A34

200
240
300

80

A73
A76

80

160

●A70

●A81

A99
●A37

●A32

●A33

80 ●A35

●A29

●A30

●A36

●A28
●A71
●A26
●A27
●A31

120

●A25

80

80

WAN CHAI

80

Fine

2007-12-3 14:00:24 huy

MAUNSELL | AECOM
Maunsell Consultants Asia Ltd

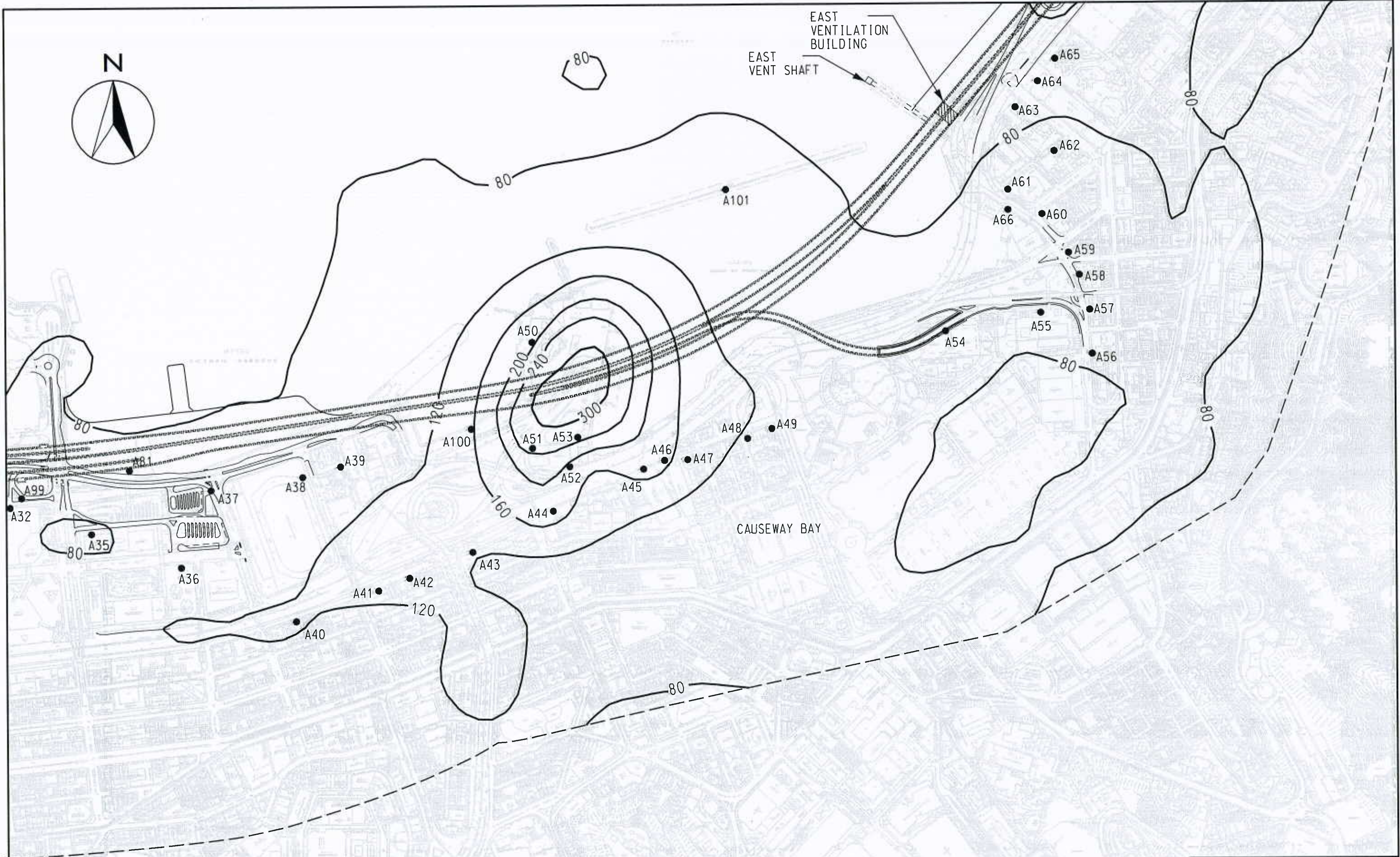WAN CHAI DEVELOPMENT PHASE II - PLANNING AND ENGINEERING REVIEW
CONTOURS OF CUMULATIVE MAXIMUM 1-HOUR AVERAGE NO$_2$ CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND

(SHEET 1 OF 3)

FIGURE 3.18

p:\projects\60017193\DRAWING\FIGURE\FIG 3.18.1.dgn   SCALE 1:6000

EAST VENTILATION BUILDING

EAST VENT SHAFT

80

80

80

80

80

80

80

80

80

80

A65
A64
A63
A62
A61
A66 A60
A59
A58
A57
A55
A56
A54

A101

A50
200 240
300
100
160
120

A100
A51 A53
A52
A45
A44
A46 A47
A48 A49

A39
A38
A37
A99
A32
A35
A36
A40
A41 A42
A43

CAUSEWAY BAY

LEGEND:
— — — 500m STUDY BOUNDARY

MAUNSELL | AECOM
Maunsell Consultants Asia Ltd
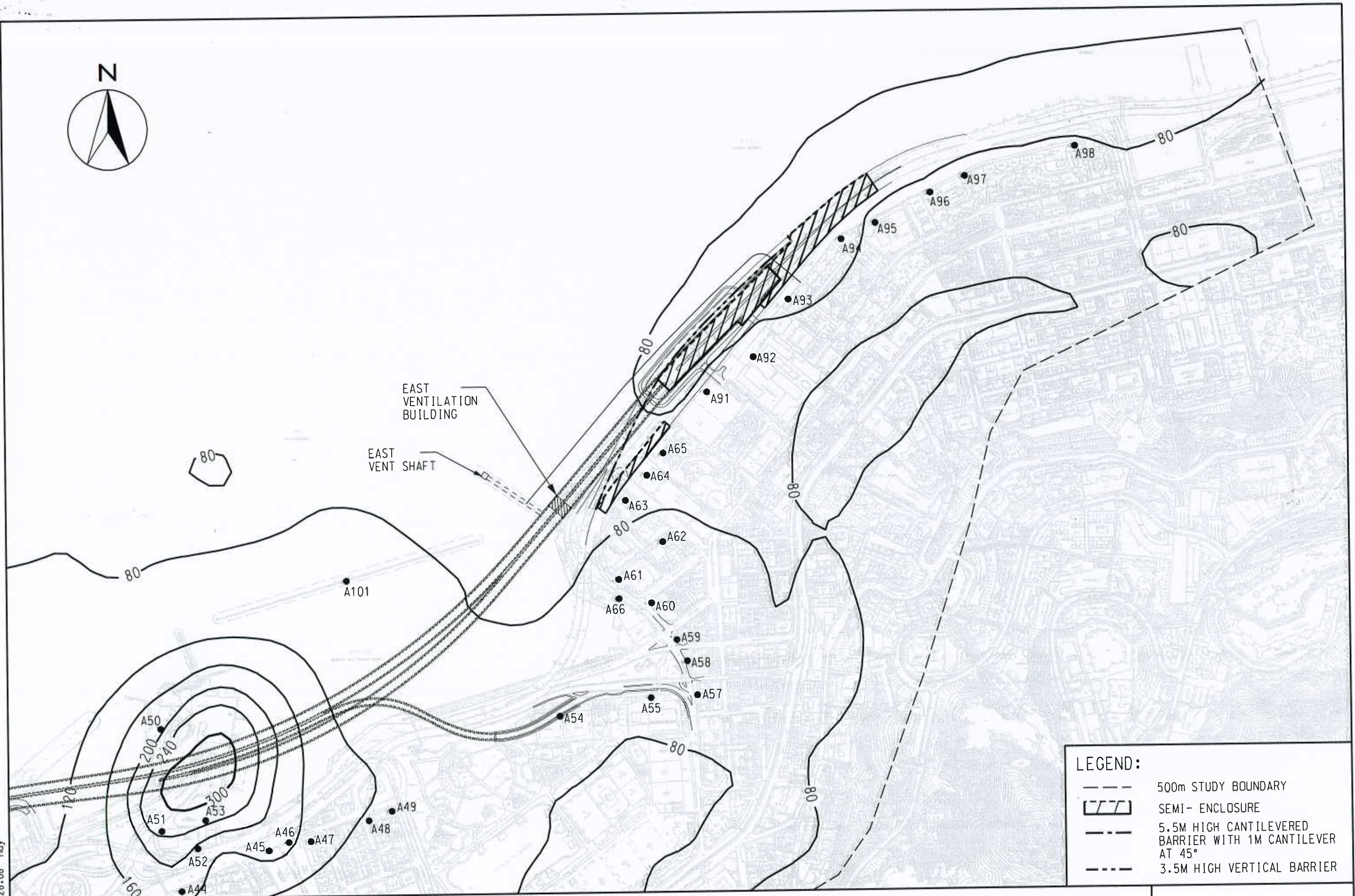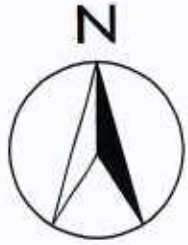
WAN CHAI DEVELOPMENT PHASE II – PLANNING AND ENGINEERING REVIEW
CONTOURS OF CUMULATIVE MAXIMUM 1–HOUR AVERAGE NO$_2$ CONCENTRATION IN ug/m^3
AT 1.5m ABOVE GROUND
(SHEET 2 OF 3)

FIGURE 3.18

2007-12-3 13:58:37 huy

p:\projects\60017193\DRAWING\FIGURE\FIG 3.18.2.dgn   SCALE 1:6000

N

EAST
VENTILATION
BUILDING

EAST
VENT SHAFT

80

A98
A97
A96
A95
A94
A93
A92
A91
A65
A64
A63
A62
A61
A66 A60
A59
A58
A57
A55
A54
A101

A50
200
240
300
A53
A51
A52
A45 A46 A47 A48 A49
A44
160
120

LEGEND:

— — —	500m STUDY BOUNDARY
▭▭▭	SEMI- ENCLOSURE
— · —	5.5M HIGH CANTILEVERED BARRIER WITH 1M CANTILEVER AT 45°
— ·· —	3.5M HIGH VERTICAL BARRIER

MAUNSELL | AECOM

Maunsell Consultants Asia Ltd

WAN CHAI DEVELOPMENT PHASE II – PLANNING AND ENGINEERING REVIEW

CONTOURS OF CUMULATIVE MAXIMUM 1-HOUR AVERAGE NO$_2$CONCENTRATION IN ug/m^3
AT 1.5m ABOVE GROUND

(SHEET 3 OF 3)

FIGURE 3.18

2007-11-30 16:28:08   huy

P:\PROJECTS\60017193\DRAWING\FIGURE\FIG 3.18.3.dgn   SCALE 1:6000

CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE NO₂ CONCENTRATION IN ug/m³ AT 1.5m ABOVE GROUND

Map labels visible: N (compass), CENTRAL VENTILATION BUILDING, WAN CHAI, VICTORIA HARBOUR

Contour values shown: 60, 70, 90, 110, 130, 150

Monitoring points: A34, A76, A73, A70, A29, A28, A26, A71, A25, A30, A27, A33, A31, A99, A32, A35, A36, A81, A37
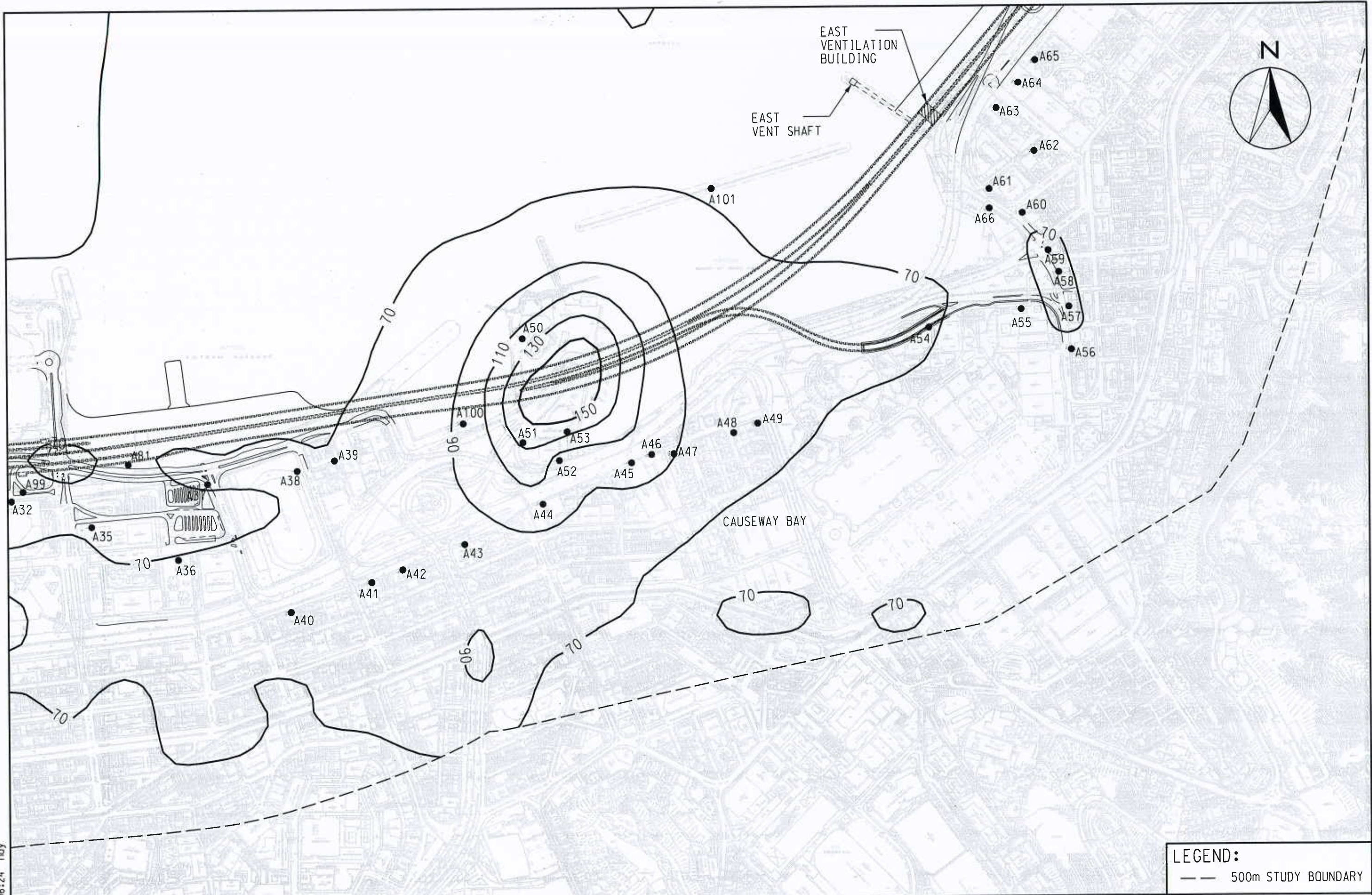
LEGEND:
— — — 500m STUDY BOUNDARY

WAN CHAI DEVELOPMENT PHASE II – PLANNING AND ENGINEERING REVIEW
CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE NO₂ CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND

(SHEET 1 OF 3)

FIGURE 3.19

EAST
VENTILATION
BUILDING

EAST
VENT SHAFT

A65
A64
A63
A62
A61
A60
A66
A101
A59
A58
A57
A55
A56
A54
70
70
70
A50
130
110
A51
A53
150
A52
A45
A46
A47
A48
A49
A100
90
A44
A39
A38
CAUSEWAY BAY
A81
A99
A35
70
A32
A36
70
A42
A43
70
70
A41
90
A40
70

N

LEGEND:
— — 500m STUDY BOUNDARY

MAUNSELL AECOM
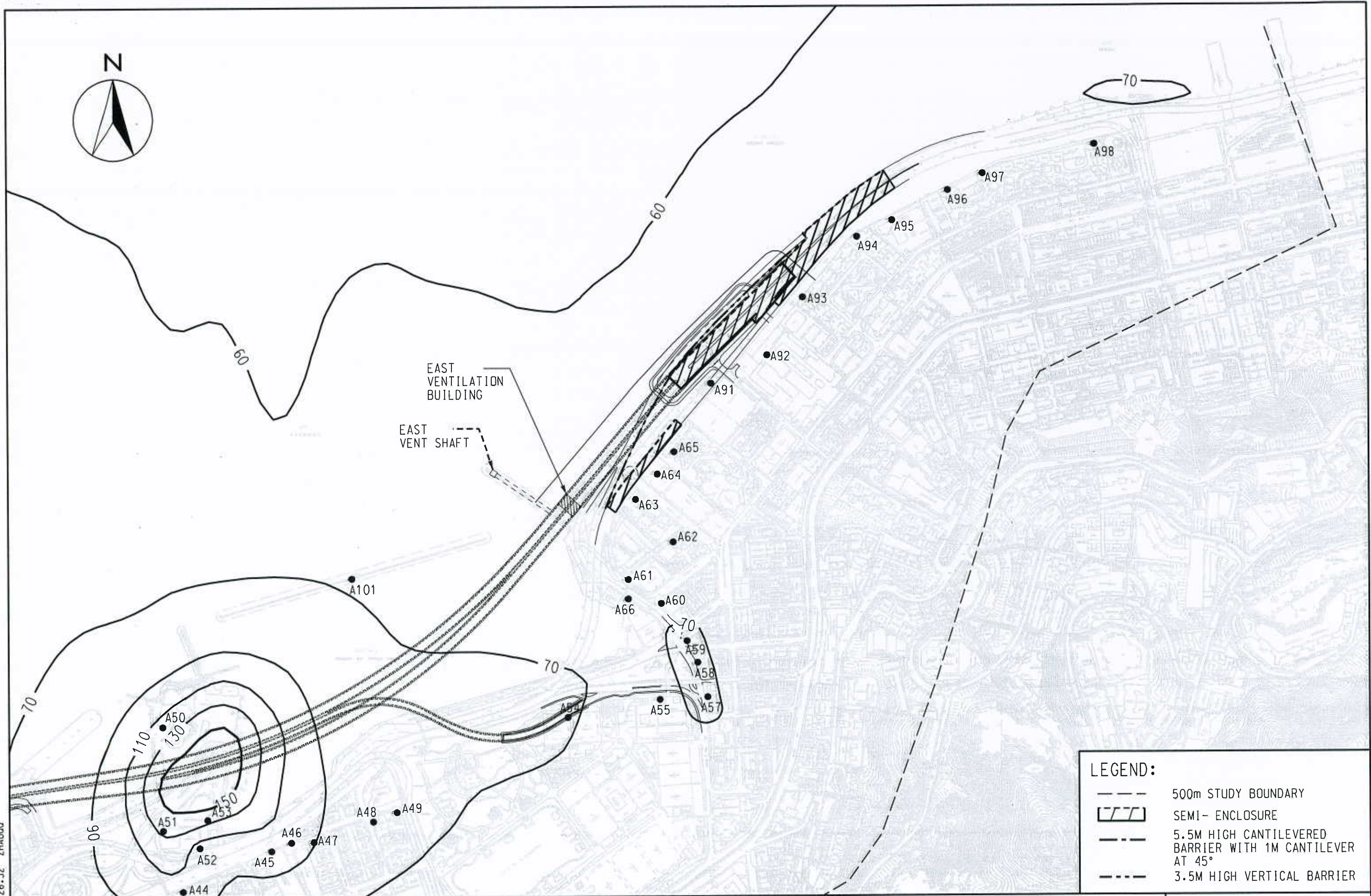Maunsell Consultants Asia Ltd

WAN CHAI DEVELOPMENT PHASE II - PLANNING AND ENGINEERING REVIEW
CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE NO$_2$ CONCENTRATION IN ug/m^3
AT 1.5m ABOVE GROUND
(SHEET 2 OF 3)

FIGURE 3.19

2007-12-3 14:06:24 huy

p:\projects\60017193\DRAWING\FIGURE\FIG 3.19.2.dgn   SCALE 1:6000

N

—70—

A98
A97
A96
A95
A94
A93
A92
A91

60

60

EAST
VENTILATION
BUILDING

EAST
VENT SHAFT

A65
A64
A63
A62
A61
A66
A60

A101

70

70

70

A59
A58
A57
A55
A54

90

110
130
A50
150
A53
A51
A52
A45
A44
A48
A49
A46
A47

LEGEND:

- - - - — 500m STUDY BOUNDARY

□□□ — SEMI-ENCLOSURE

— — — 5.5M HIGH CANTILEVERED
BARRIER WITH 1M CANTILEVER
AT 45°

— · — · — 3.5M HIGH VERTICAL BARRIER
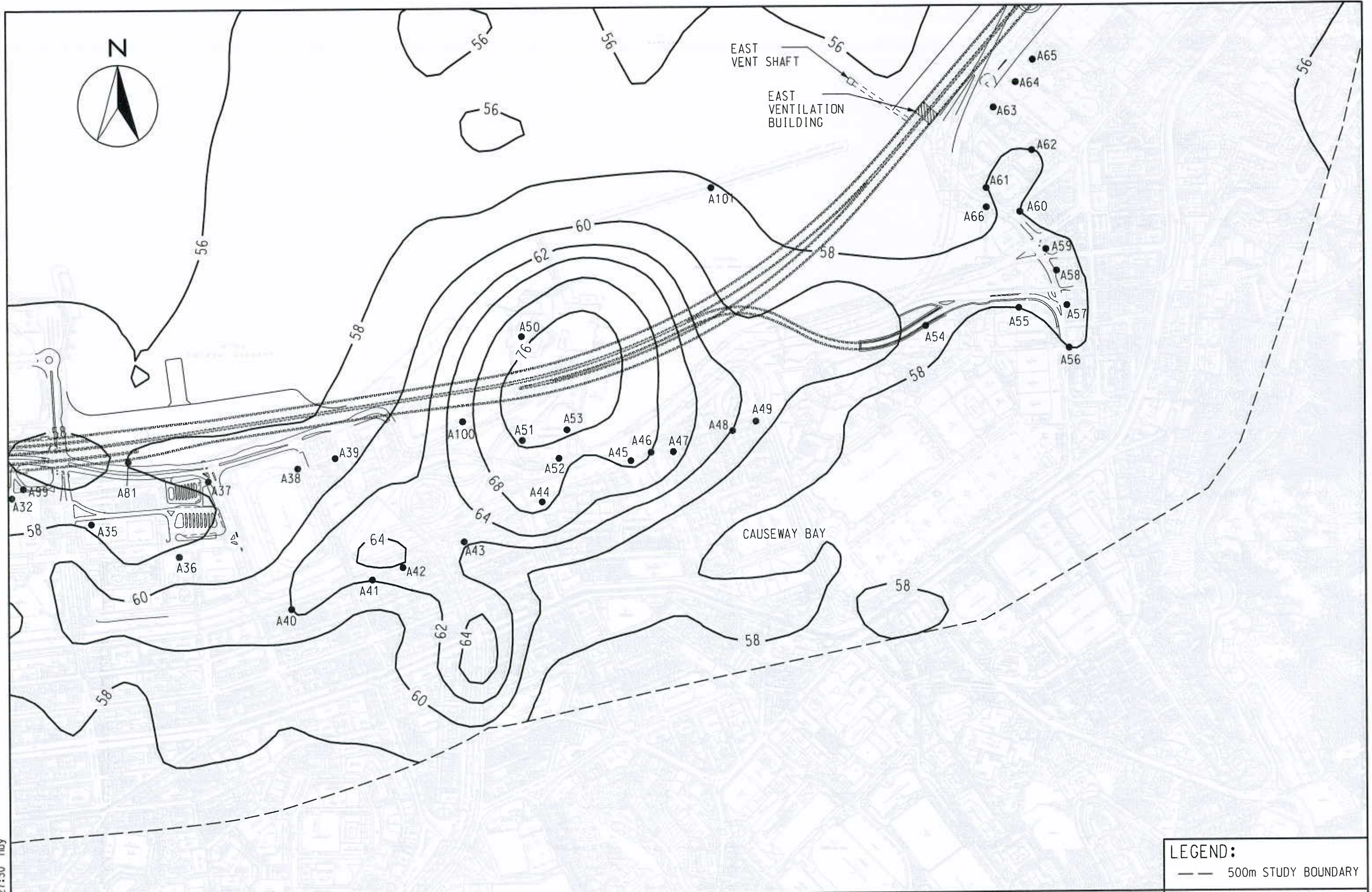
WAN CHAI DEVELOPMENT PHASE II — PLANNING AND ENGINEERING REVIEW

CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE NO₂ CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND

FIGURE 3.19

(SHEET 3 OF 3)

2007-11-30 19:26:32   ZHA000

p:\projects\60017193\DRAWING\FIGURE\FIG 3.19.3.dgn   SCALE 1:6000

CENTRAL
VENTILATION
BUILDING

A34
A73
A70
A76
A70
A29
A28
A71
A26
A30
A27
A25
A31
A33
A32
A35
A36
A37

WAN CHAI

LEGEND:
— — 500m STUDY BOUNDARY

MAUNSELL | AECOM
Maunsell Consultants Asia Ltd

WAN CHAI DEVELOPMENT PHASE II – PLANNING AND ENGINEERING REVIEW
CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE RSP CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND
(SHEET 1 OF 3)

FIGURE 3.20

N

EAST VENT SHAFT

EAST VENTILATION BUILDING

A65
A64
A63
A62
A61
A60
A66
A59
A58
A57
A55
A56
A54

A101

56

56

56

56

56

56

60

62

58

58

58

58

58

58

58

58

A50
A53
A51
A100
A46
A47
A48
A49
A45
A52
A44

76

68

64

64

60

62

64

A39
A38
A37
A35
A36
A81
A99
A32
A40
A41
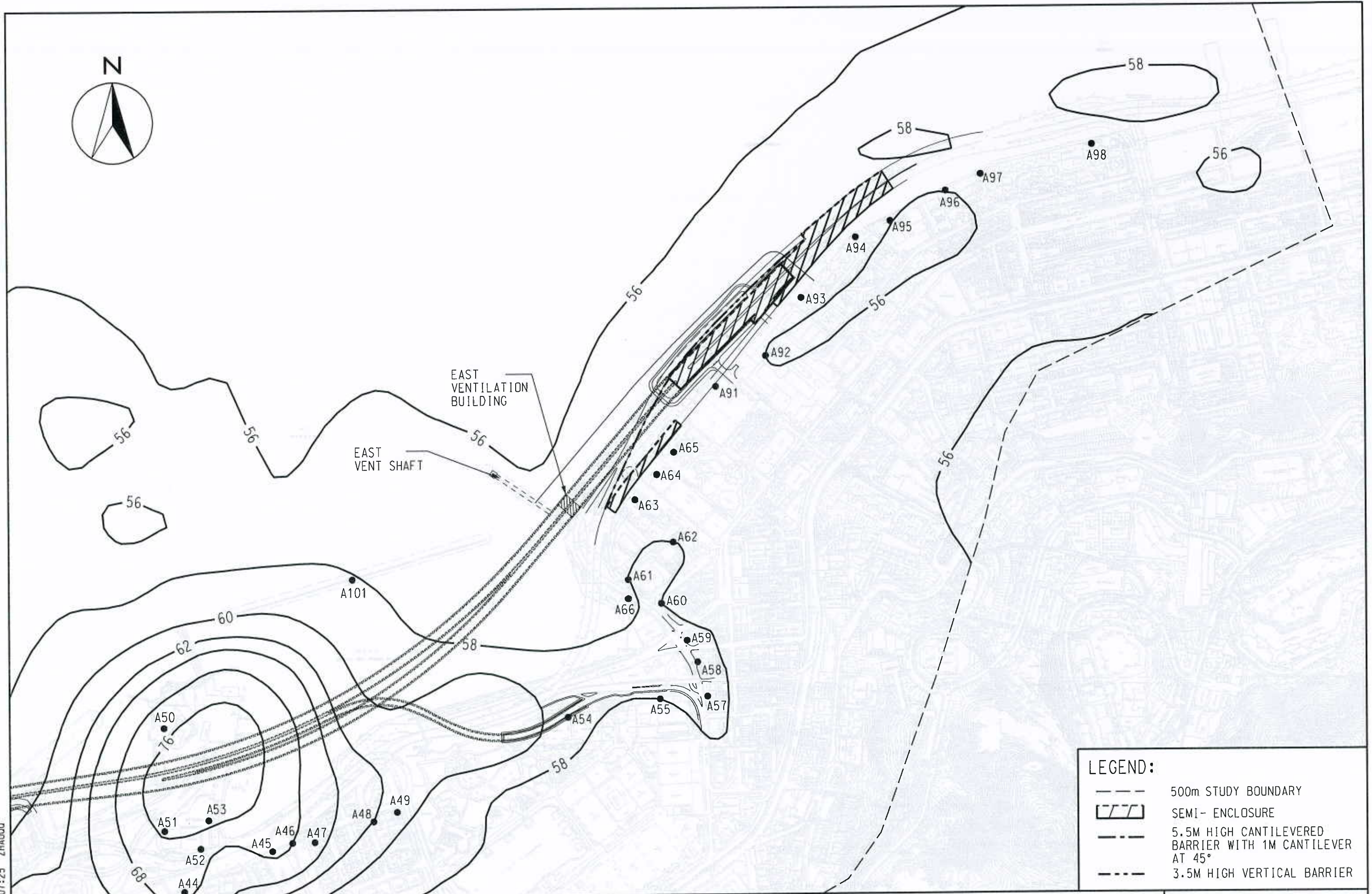A42
A43

CAUSEWAY BAY

LEGEND:
— — 500m STUDY BOUNDARY

MAUNSELL AECOM

WAN CHAI DEVELOPMENT PHASE II - PLANNING AND ENGINEERING REVIEW

CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE RSP CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND

(SHEET 2 OF 3)

FIGURE 3.20

WAN CHAI DEVELOPMENT PHASE II – PLANNING AND ENGINEERING REVIEW

CONTOURS OF CUMULATIVE MAXIMUM 24-HOUR AVERAGE RSP CONCENTRATION IN ug/m³
AT 1.5m ABOVE GROUND

(SHEET 3 OF 3)

FIGURE 3.20

LEGEND:

- - - 500m STUDY BOUNDARY

▭▭▭ SEMI- ENCLOSURE

— · — 5.5M HIGH CANTILEVERED BARRIER WITH 1M CANTILEVER AT 45°

— ·· — 3.5M HIGH VERTICAL BARRIER

EAST VENTILATION BUILDING

EAST VENT SHAFT

MAUNSELL AECOM

p:\projects\60017193\DRAWING\FIGURE\FIG 3.20.3.dgn   SCALE 1:6000

2007-11-30 19:07:25   ZHADOO