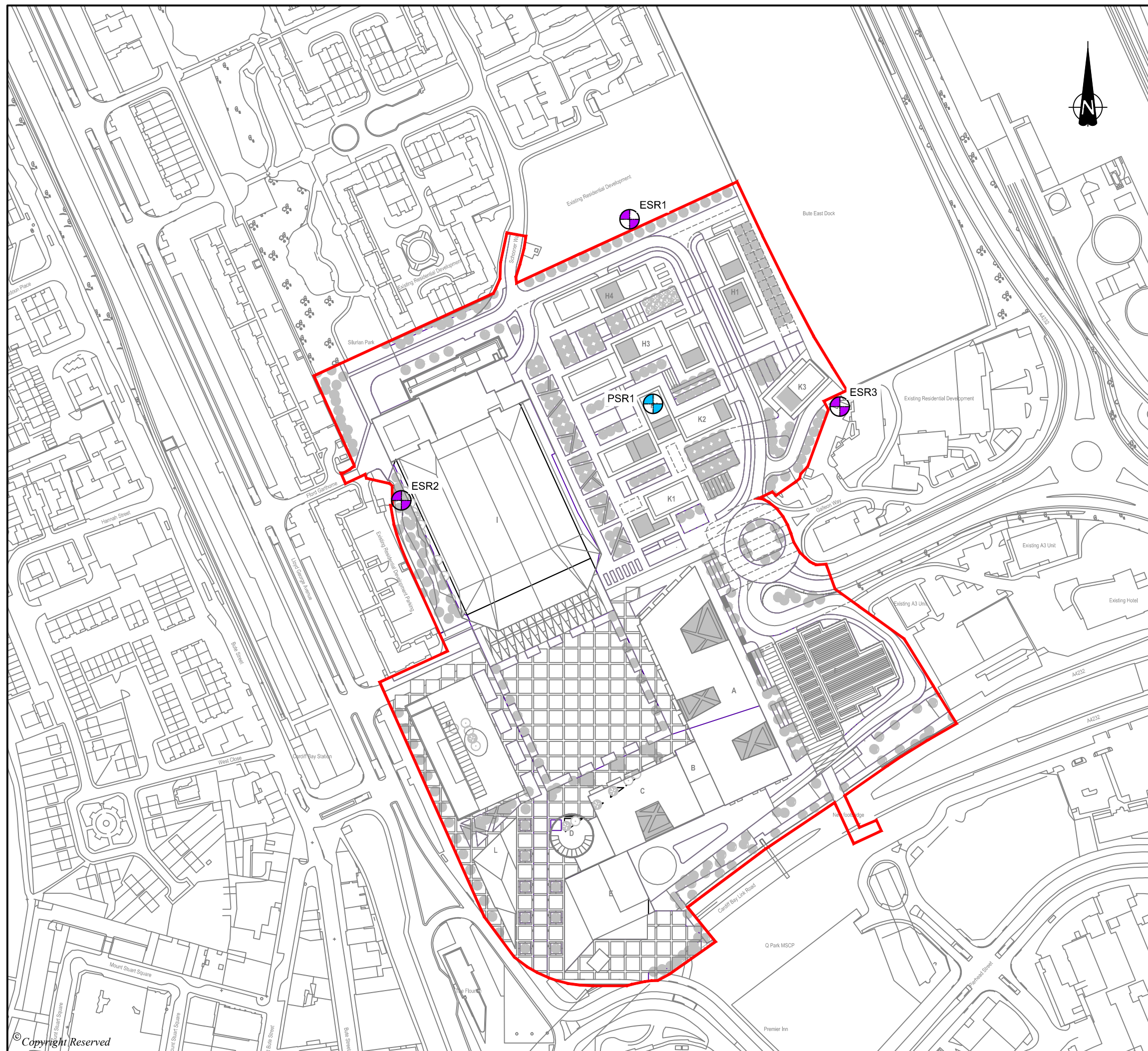




DO NOT SCALE FROM THIS DRAWING

KEY

ESR1



SITE BOUNDARY

EXISTING SENSITIVE RECEPTOR

PSR1



PROPOSED SENSITIVE RECEPTOR

OS DATA PROVIDED BY CLIENT

A	FIRST ISSUE	11-08-21	DR	RP	SW
---	-------------	----------	----	----	----

✓	REVISION	DETAILS	DATE	DR'N	CHK'D	APP'D
---	----------	---------	------	------	-------	-------

CLIENT

ROBERTSON PROPERTY LTD
& CARDIFF COUNCIL

PROJECT	
---------	--

ATLANTIC WHARF, BUETOWN MASTERPLAN & CARDIFF ARENA AND HOTEL

DRAWING TITLE

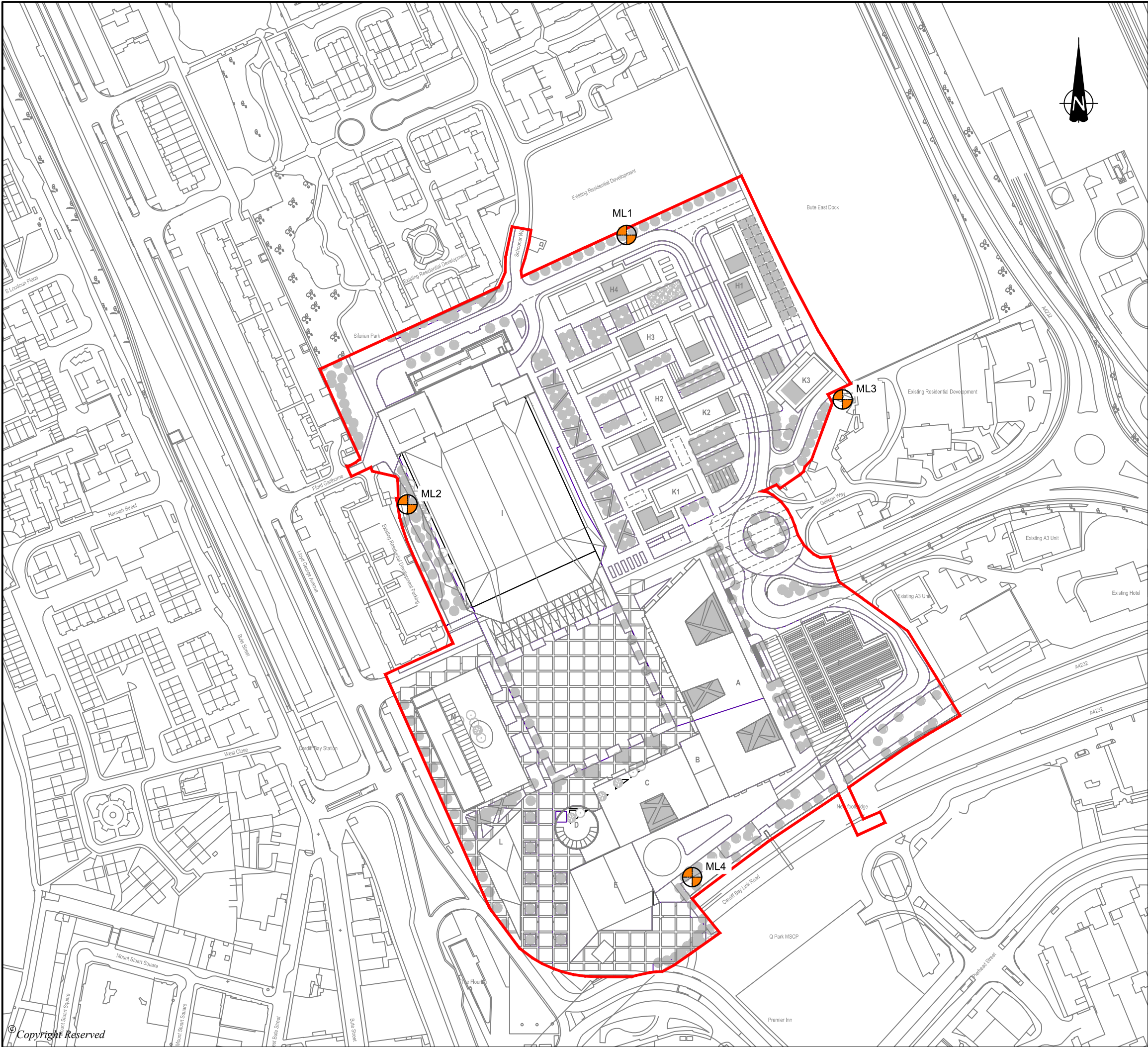
EXISTING AND PROPOSED SENSITIVE RECEPTOR LOCATIONS

DRG No. CA12099-FIGURE 12.1		REV A
DRG SIZE A3	SCALE 1:2500	DATE 11-08-21
DRAWN BY DR	CHECKED BY RP	APPROVED BY SW



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DO NOT SCALE FROM THIS DRAWING

KEY

ML1 SITE BOUNDARY

MONITORING LOCATION

OS DATA PROVIDED BY CLIENT

A	FIRST ISSUE	11-08-21	DR	RP	SW
REVISION	DETAILS	DATE	DRN	CHKD	APPD

CLIENT
ROBERTSON PROPERTY LTD
& CARDIFF COUNCIL

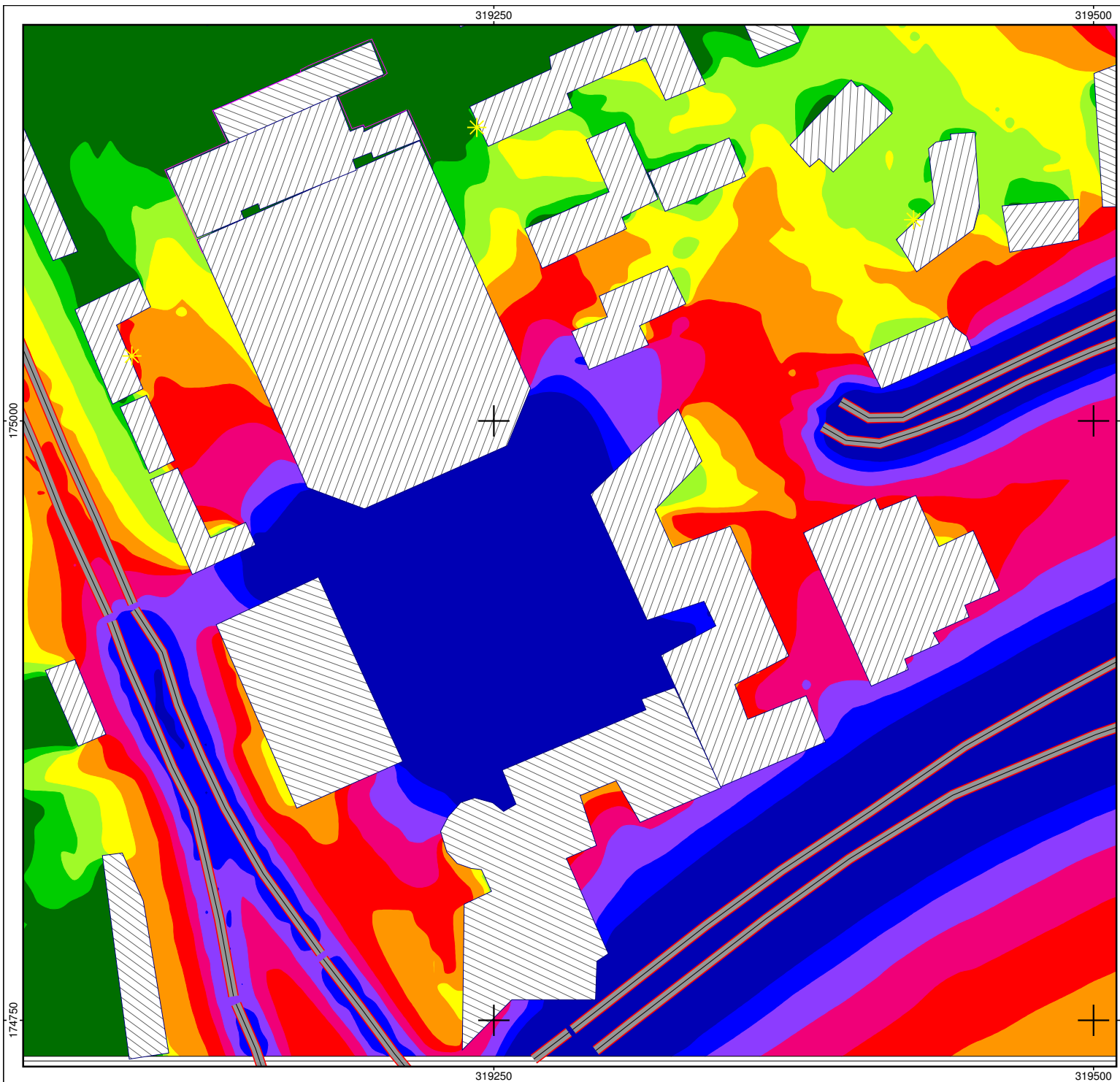
PROJECT
ATLANTIC WHARF, BUETOWN
MASTERPLAN & CARDIFF ARENA
AND HOTEL

DRAWING TITLE
NOISE MONITORING LOCATION PLAN

DRG No.	CA12099-FIGURE 12.2	REV	A
DRG SIZE	A3	SCALE	1:2500
DRAWN BY	DR	CHECKED BY	RP
		APPROVED BY	SW

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Customer: Robertson Property and Cardiff Council
Project: Atlantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel
Project-No. CA12099

Cartography:
 Logo of customer.
 Double click to select,
 otherwise delete it.

Map
12.3

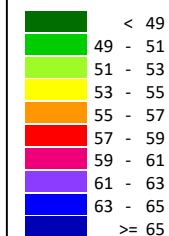
crowd noise

Figure 12.3

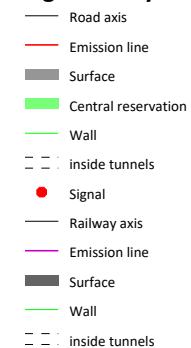
Calculation in 1.5 m above ground

Project engineer: RP
 Created: 13/08/2021
 Processed with SoundPLAN 8.2, Update 16/01/2020

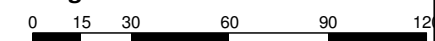
Levels Lday in dB(A)

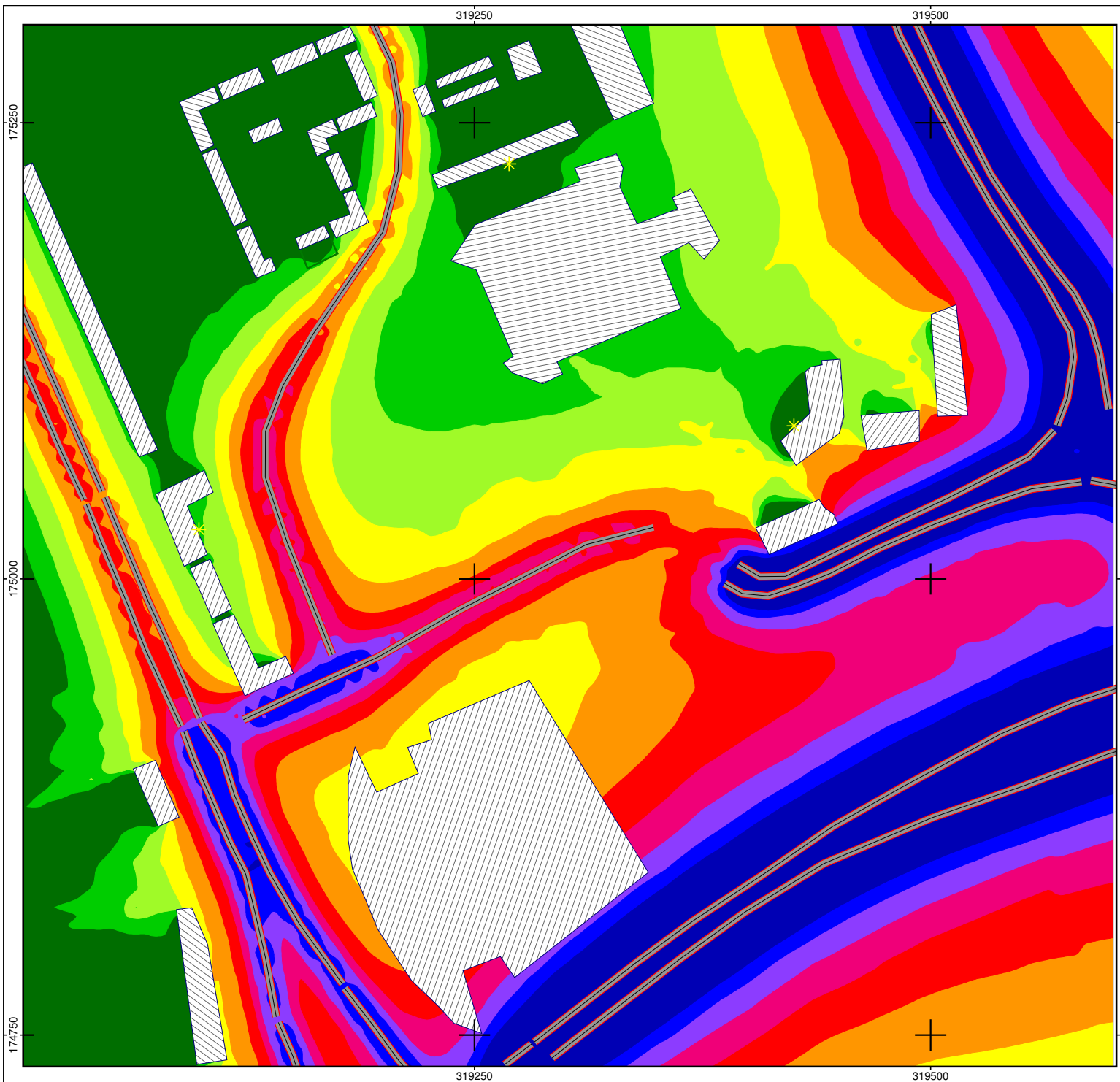


Signs and symbols



Length scale 1:1627





Customer: Robertson Property and Cardiff Council

Project: Atloantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel

Project-No. CA12099

Cartography:
Logo of customer.
Double click to select,
otherwise delete it.

Map
12.4

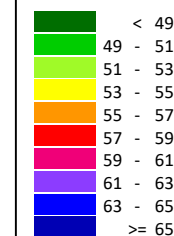
Scenario 1 - 2019 Baseline

Figure 12.4

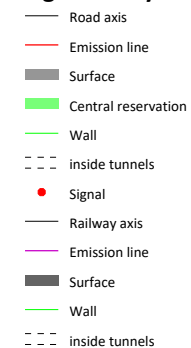
Calculation in 1.5 m above ground

Project engineer: RP
Created: 24/08/2021
Processed with SoundPLAN 8.2, Update 16/01/2020

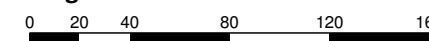
Levels Lday
in dB(A)

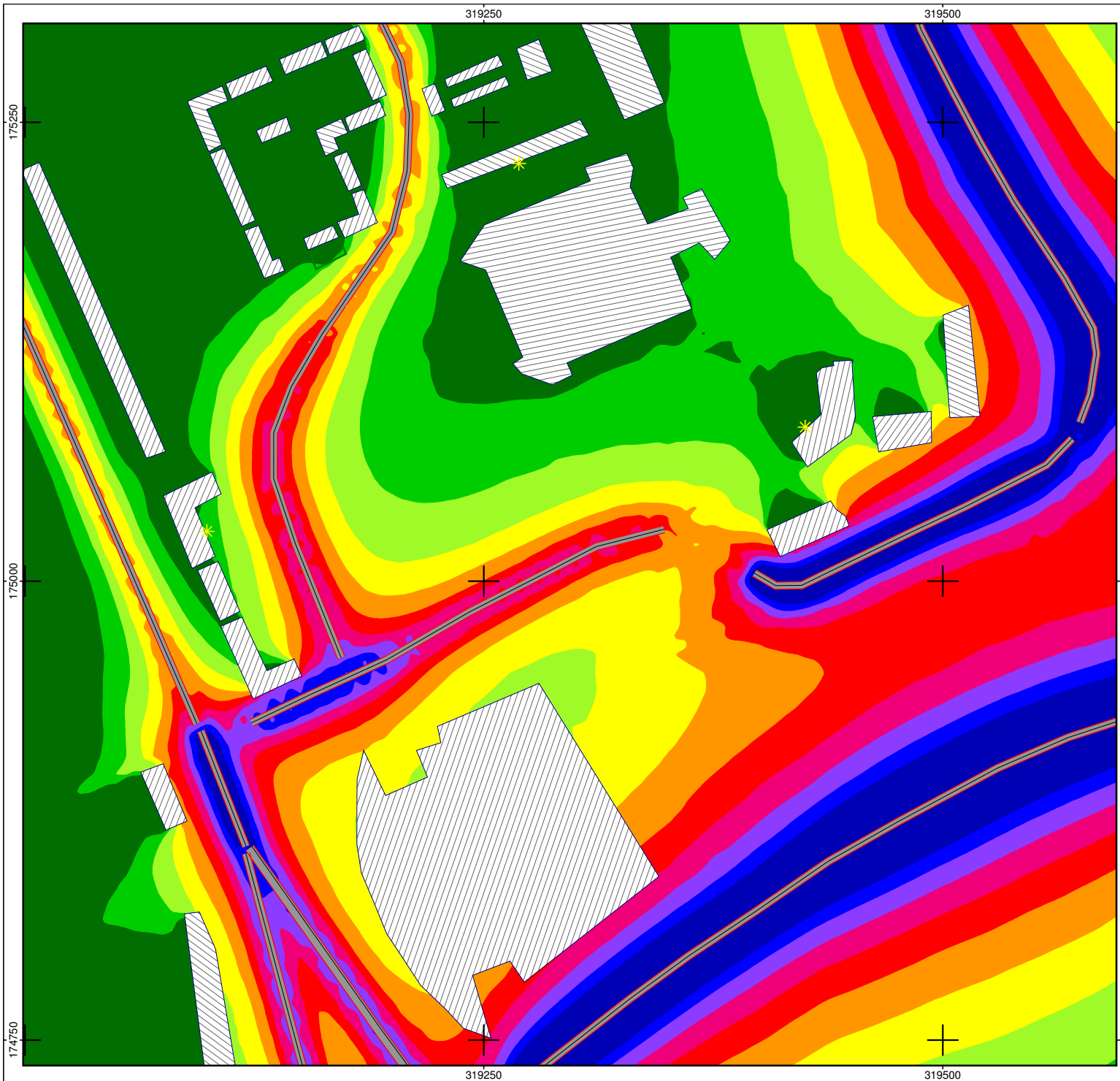


Signs and symbols



Length scale 1:2138





Customer: Robertson Property and Cardiff Council

Project: Atlantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel

Project-No. CA12099

Cartography:
Logo of customer.
Double click to select,
otherwise delete it.

Map
12.5

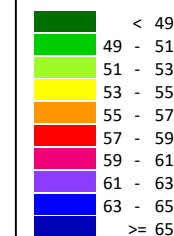
Scenario 2 - 2025 without Proposed Development

Figure 12.5

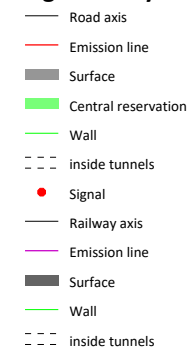
Calculation in 1.5 m above ground

Project engineer: RP
Created: 25/08/2021
Processed with SoundPLAN 8.2, Update 16/01/2020

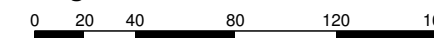
Levels Lday
in dB(A)

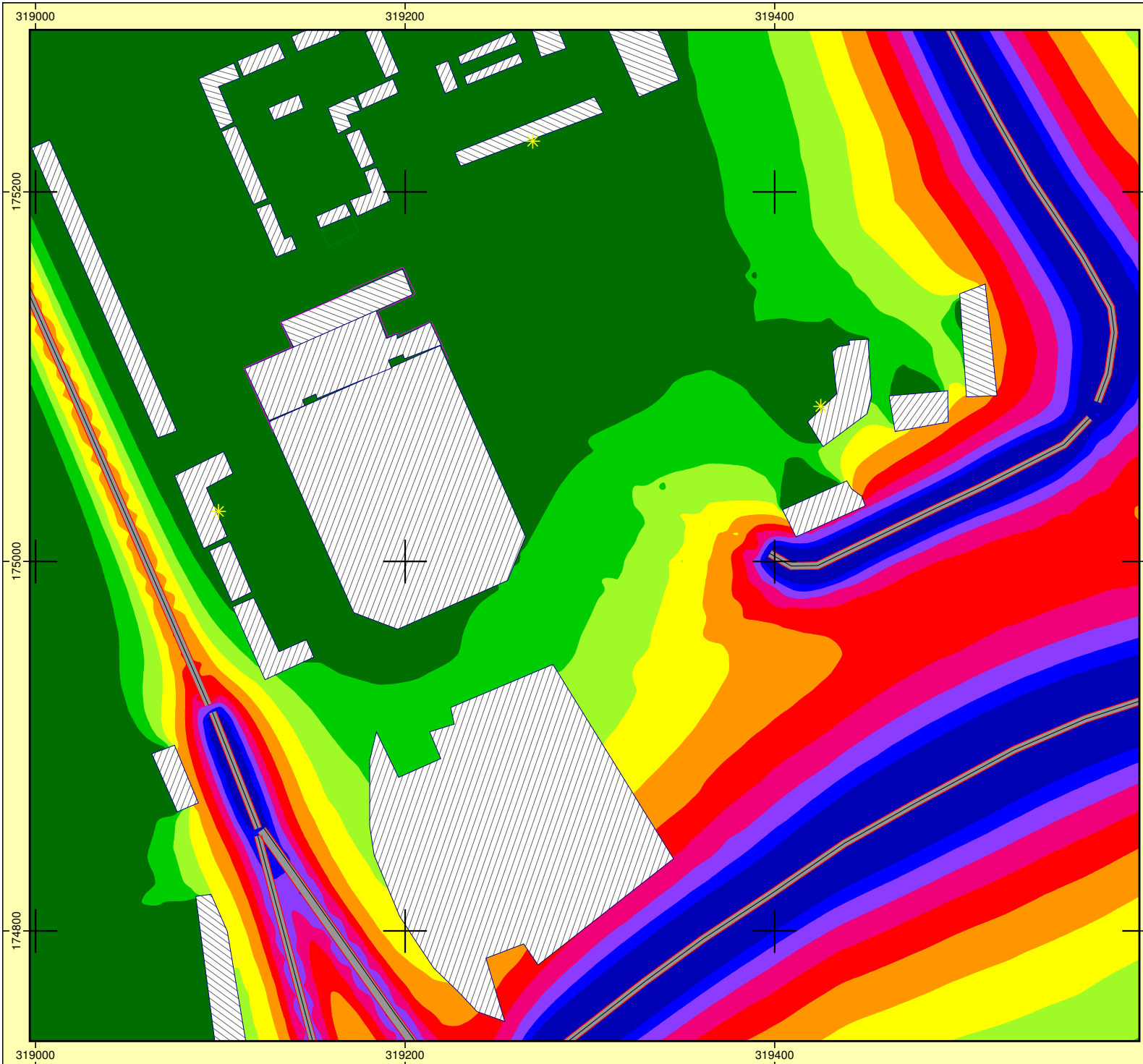


Signs and symbols



Length scale 1:2126





Customer: Robertson Property and Cardiff Council
Project: Atlantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel
Project-No. CA12099

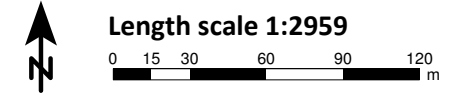
Cartography:
 Logo of customer.
 Double click to select,
 otherwise delete it.

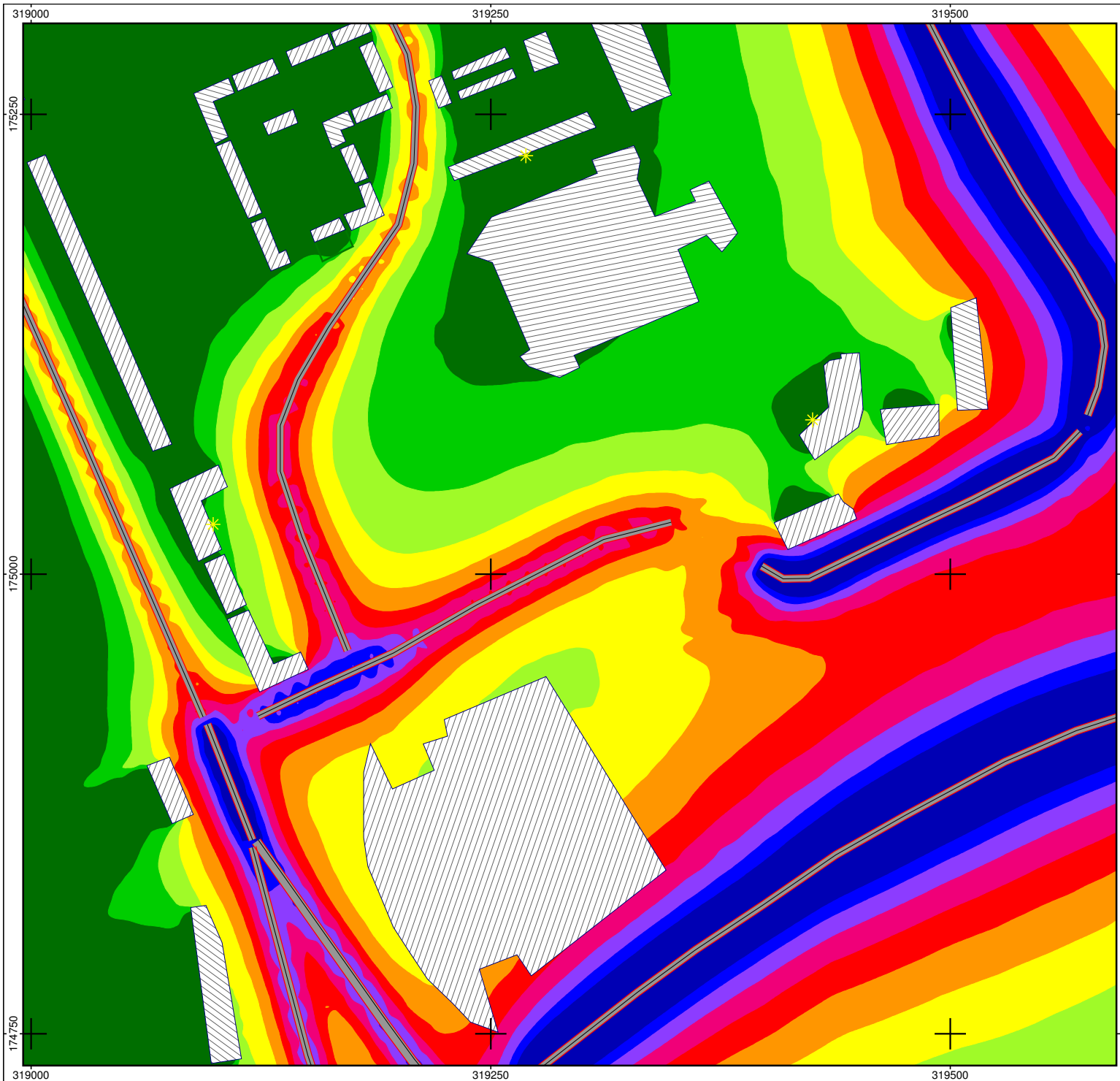
Map
12.6

Scenario 3 - 2025 with Proposed Development
Figure 12.6
 Calculation in 1.5 m above ground

Project engineer: RP
 Created: 25/08/2021
 Processed with SoundPLAN 8.2, Update 16/01/2020

- | | |
|--|--|
| Levels Lday
in dB(A) | Signs and symbols |
| <ul style="list-style-type: none"> < 49 49 - 51 51 - 53 53 - 55 55 - 57 57 - 59 59 - 61 61 - 63 63 - 65 >= 65 | <ul style="list-style-type: none"> Road axis Emission line Surface Central reservation Wall inside tunnels Signal Railway axis Emission line Surface Wall inside tunnels |





Customer: Robertson Property and Cardiff Council
Project: Atlantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel
Project-No. CA12099

Cartography:
 Logo of customer.
 Double click to select,
 otherwise delete it.

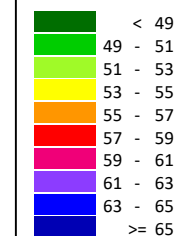
Map
12.7

Scenario 4 - 2032 without Proposed Development
Figure 12.7

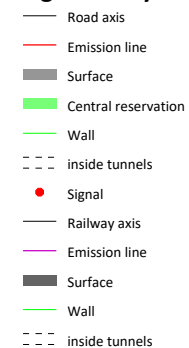
Calculation in 1.5 m above ground

Project engineer: RP
 Created: 25/08/2021
 Processed with SoundPLAN 8.2, Update 16/01/2020

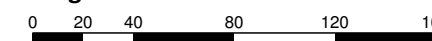
Levels Lday
 in dB(A)

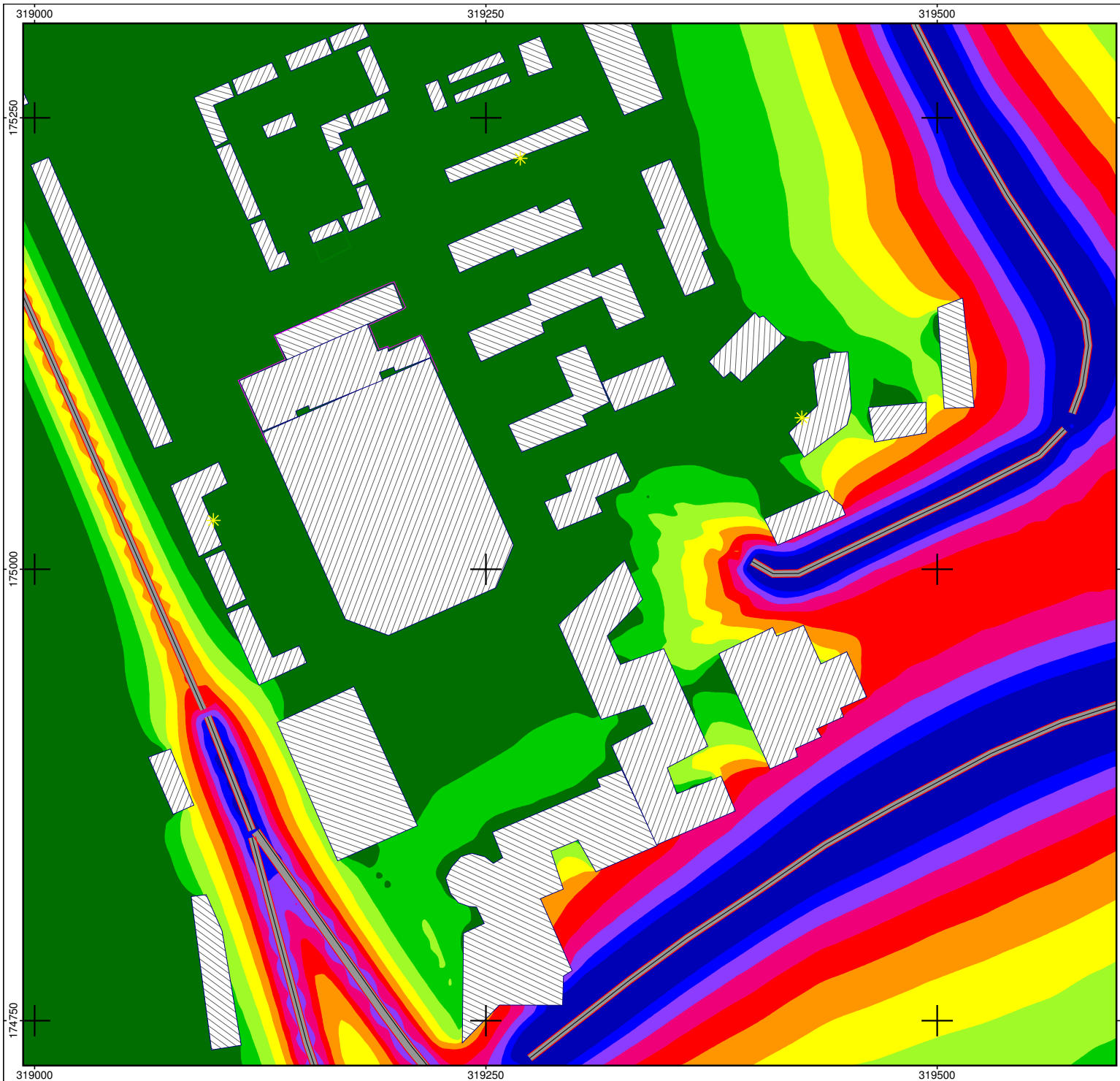


Signs and symbols



Length scale 1:2122





Customer: Robertson Property and Cardiff Council
Project: Atlantic Wharf, Butetown Masterplan and Cardiff Arena and Hotel
Project-No. CA12099

Cartography:
 Logo of customer.
 Double click to select,
 otherwise delete it.

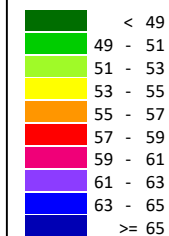
Map
12.8

Scenario 5 - 2032 with Proposed Development
Figure 12.8

Calculation in 1.5 m above ground

Project engineer: RP
 Created: 25/08/2021
 Processed with SoundPLAN 8.2, Update 16/01/2020

Levels Lday
 in dB(A)



Signs and symbols

- Road axis
- Emission line
- Surface
- Central reservation
- Wall
- inside tunnels
- Signal
- Railway axis
- Emission line
- Surface
- Wall
- inside tunnels



Length scale 1:2161

