



**JACKSON TEECE**

City of Sydney

**CITY TRANSFORMATION PROJECT**

**TRACEY EMIN  
THE DISTANCE OF YOUR HEART**

June 2015



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Location

- L18

1 Bird: 20 Bridge Street. ASX Exchange Centre, HSBC shop, along ledge below windows on corner of 2nd floor.
- L19

1 Bird: 20 Bridge St. Exchange Centre, on awning between triangle of support fixing
- L20

1 Bird: No. 6 Bridge St, along ledge atop capital to right or left of red door.
- L21

2 Birds: 5-11 Bridge Street. Entrance to Bridge Lane, on top of corbel to right of arch.
- L22

1 Birds: 244-246 George Street. Metropolitan Hotel awning on left hand side.
- L23

2 Birds: SmartPole on south east corner of George & Bridge St, along arm extending out to street light.
- L24

1 Bird: 234-242 George Street. Corner of Bridge and George St, between two awnings above convenience store.
- L25

1 Bird: 243-257 George St on low stone wall on Grosvenor St Corner.
- L26

4 Birds: 243-257 George Street. Concrete balustrade on balcony above food court off Grosvenor St.
- L27

2 Birds: 205-227 George St on 32 Grosvenor St Corner, above ‘32’ along ledge.
- L28

3 Birds: 205-227 George St on Corner of Harrington & 32 Grosvenor St.
- L29

5 Birds: Lang Park, under wooden benches to the left of entrance on the northern side of park.
- L30

3 Birds: Lang Park. Grosvenor St top of lamp post to west of entrance on northern side of park.

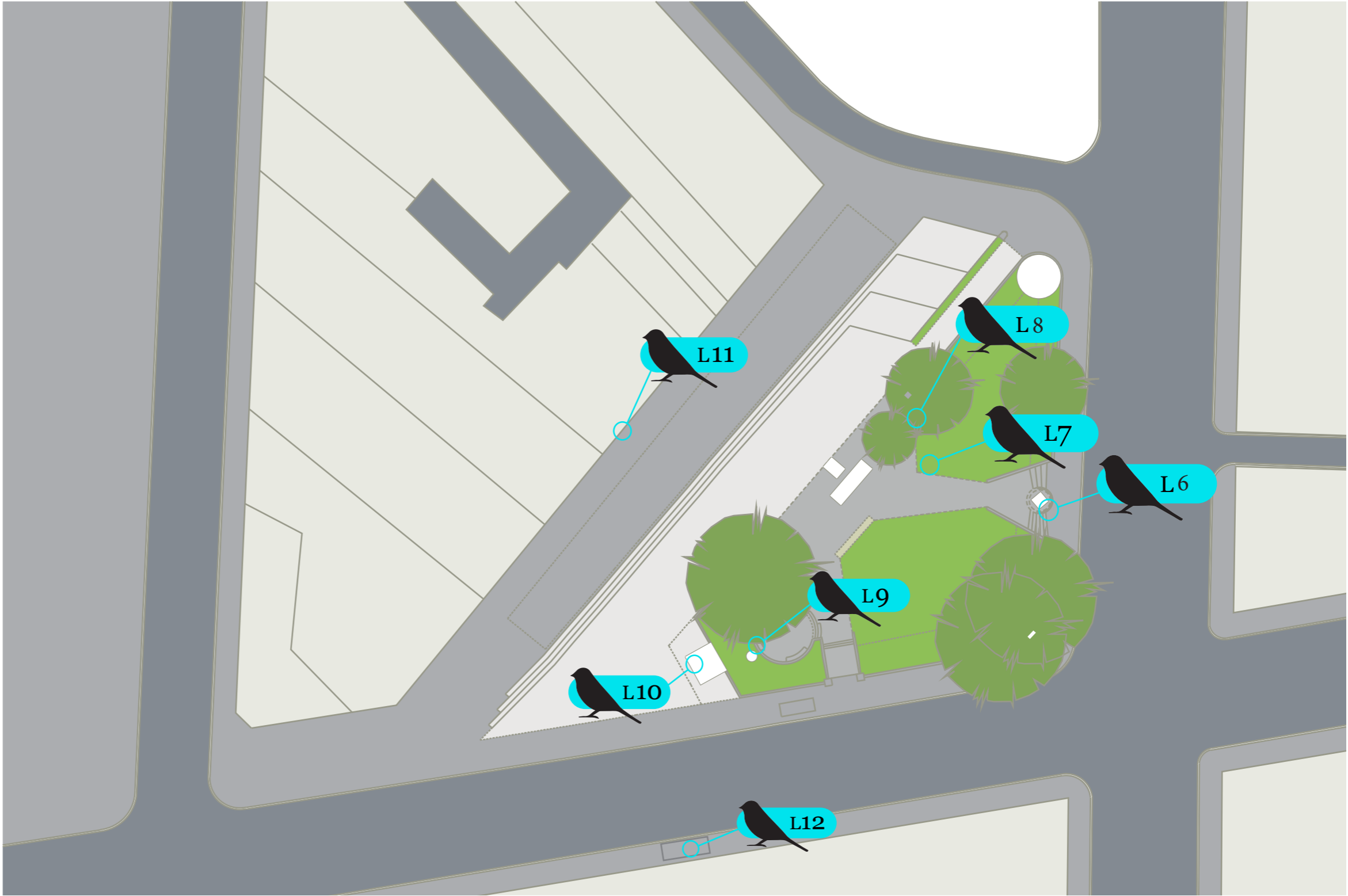
Total Number of Birds for all locations including bird bath - 73

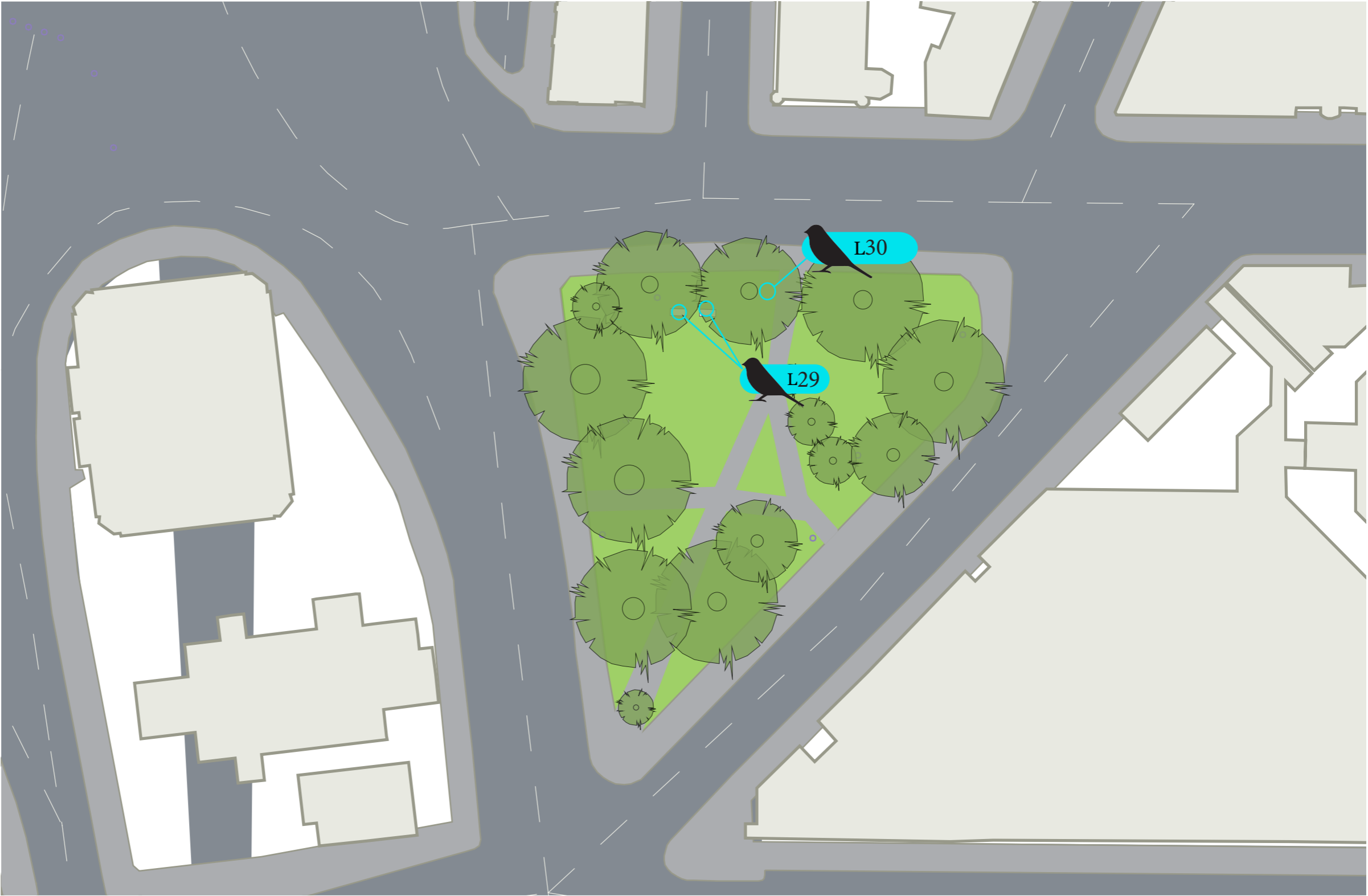




Location

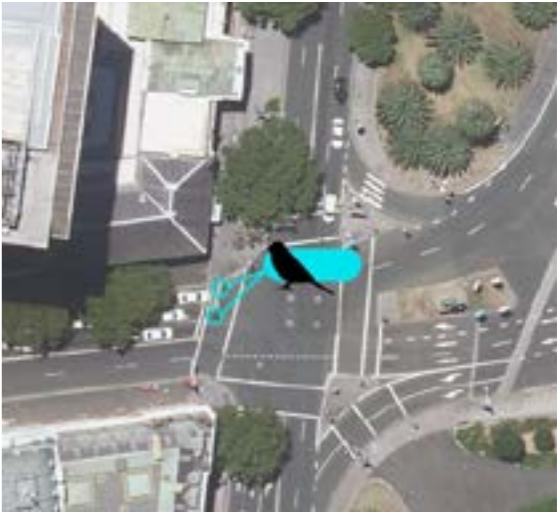
- L1 2 Birds: Smart pole on North West corner of Bridge and Macquarie St, along the arm extending out to street light.
- L2 4 Birds: 50 Philip Street, Chief Secretary's Building, Along 2nd floor balcony balustrade to left of entrance and along ledge above 1st floor windows to left of entrance.
- L3 1 Bird: 115-119 Bridge Street. Intercontinental Hotel, at 117 Bridge St along curved parapet.
- L4 6 Birds: Museum of Sydney, 41 Bridge St, along ledge below balcony in two groups either side of entrance.
- L5 1 Bird: No. 35-39 Bridge St, Dept of Education located on top of lintel on right hand side of entrance.
- L6 1 Bird: Macquarie Place Park, Obelisk railing on southern side of Obelisk.
- L7 5 Birds: Macquarie Place Park, under wooden benches on the North Eastern side of paved area.
- L8 2 Birds: Macquarie Place Park, along low wall beside monument in north east corner of central paved area
- L11 4 Birds: 30 Pitt Street. Customs House Bar, along ledge above 2nd floor windows.
- L9 4 Birds: Macquarie Place Park, under stone benches in south west corner.
- L10 1 Bird: Macquarie Place Park, along ledge of Thomas Sutcliffe Mort Statue.
- L12 3 Birds: Macquarie Place Park, bus stop on southern side of Bridge St.
- L13 1 Bird: 23-33 Bridge St, Dept. of Lands, Corner of Bridge and Gresham St on ledge above ground floor windows below statue.
- L14 2 Birds: No. 23-33 Bridge St, Dept. of Lands on ledge under statue of Sturt.
- L15 2 Birds: 69-73 Pitt Street. Tank Stream Way, along ledge below first floor windows on Tank Stream Way.
- L16 2 Birds: No. 17-19 Bridge St, on ledge on either side below plaque with date above entrance.
- L17 1 Birds: No. 17-19 Bridge St, on lintel on left hand side above entrance.







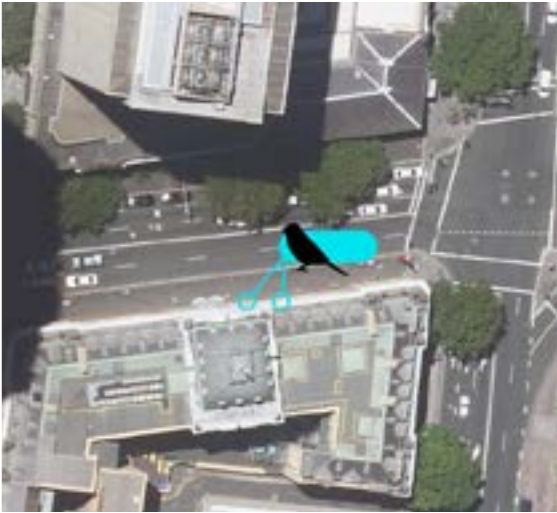
Artist Impression : Birds are not to scale



**Location 1**

Smart pole on North West corner of Bridge and Macquarie St, along the arm extending out to street light.

Total Number of Birds - 2

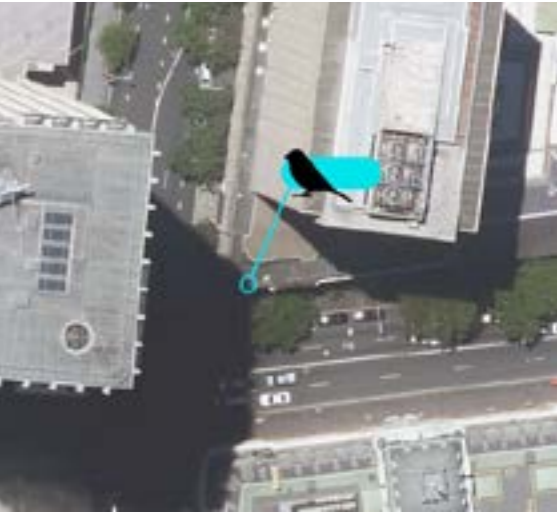


**Location 2**

50 Philip Street, Chief Secretary's Building, Along 2nd floor balcony balustrade to left of entrance and along ledge above 1st floor windows to left of entrance.

Total Number of Birds - 4

Artist Impression : Birds are not to scale



**Location 3**  
115-119 Bridge Street. Intercontinental Hotel, at  
117 Bridge St along curved parapet.  
Total Number of Birds - 1

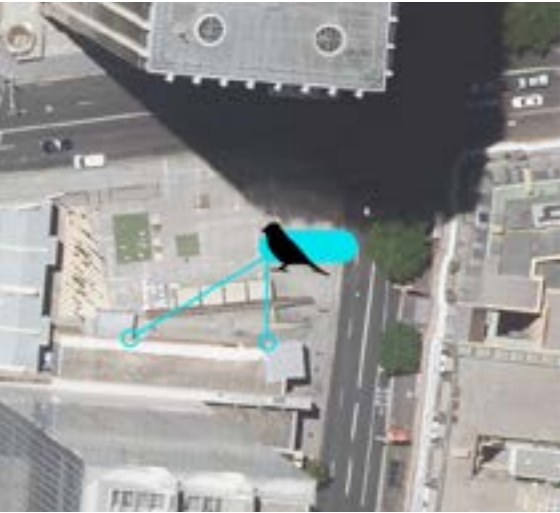
Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



**Location 4**

Museum of Sydney, 41 Bridge St, along ledge below balcony in two groups either side of entrance.

Total Number of Birds - 6



**Location 5**

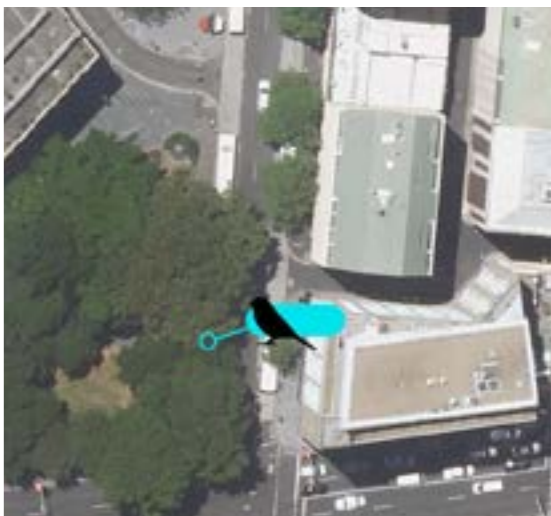
No. 35-39 Bridge St, Dept of Education located on top of lintel on right hand side of entrance.

Total Number of Birds - 1

Artist Impression : Birds are not to scale



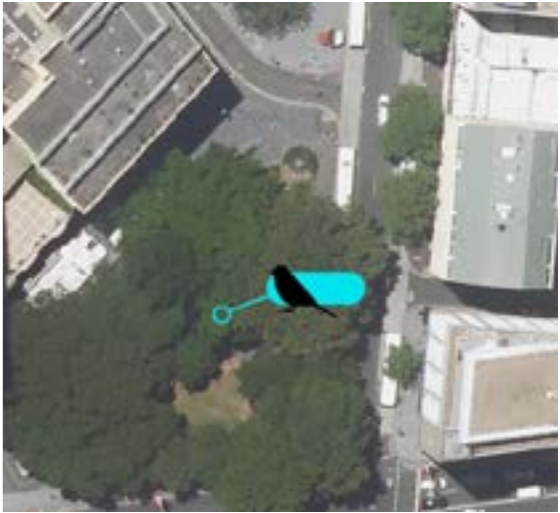
Artist Impression : Birds are not to scale



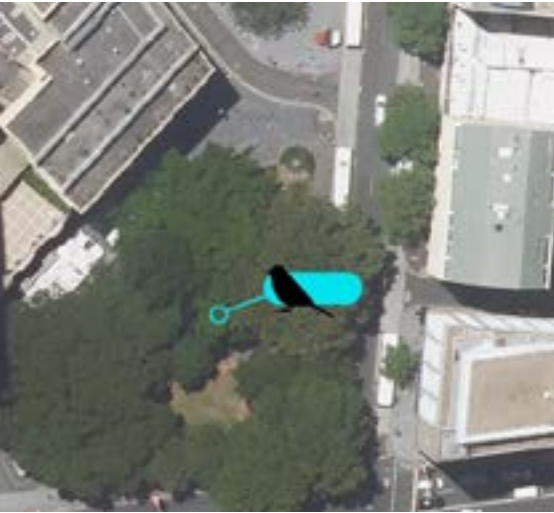
**Location 6**  
Macquarie Place Park, Obelisk railing on southern side of Obelisk.  
Total Number of Birds - 1



Artist Impression : Birds are not to scale



**Location 7**  
Macquarie Place Park, under wooden benches on  
the North Eastern side of paved area.  
Total Number of Birds - 5



Location 7 Cont.

Artist Impression : Birds are not to scale



**Location 8**

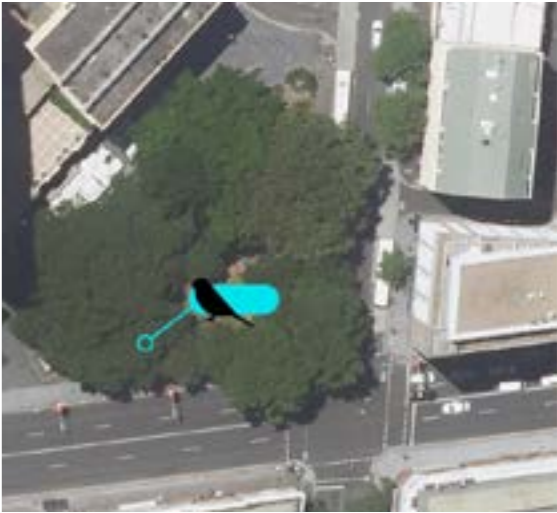
Macquarie Place Park, along low wall beside monument in north east corner of central paved area.

Total Number of Birds - 2

Artist Impression : Birds are not to scale



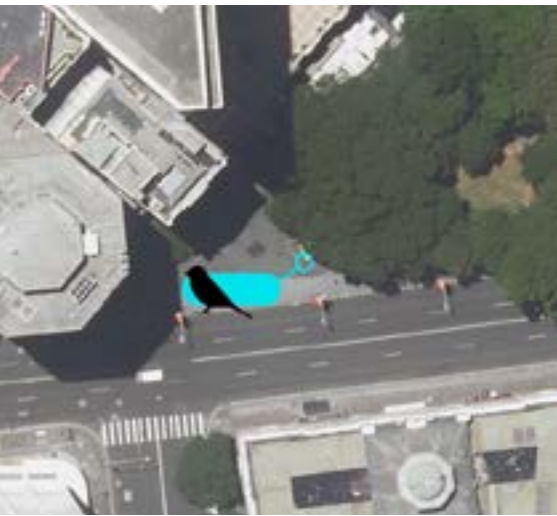
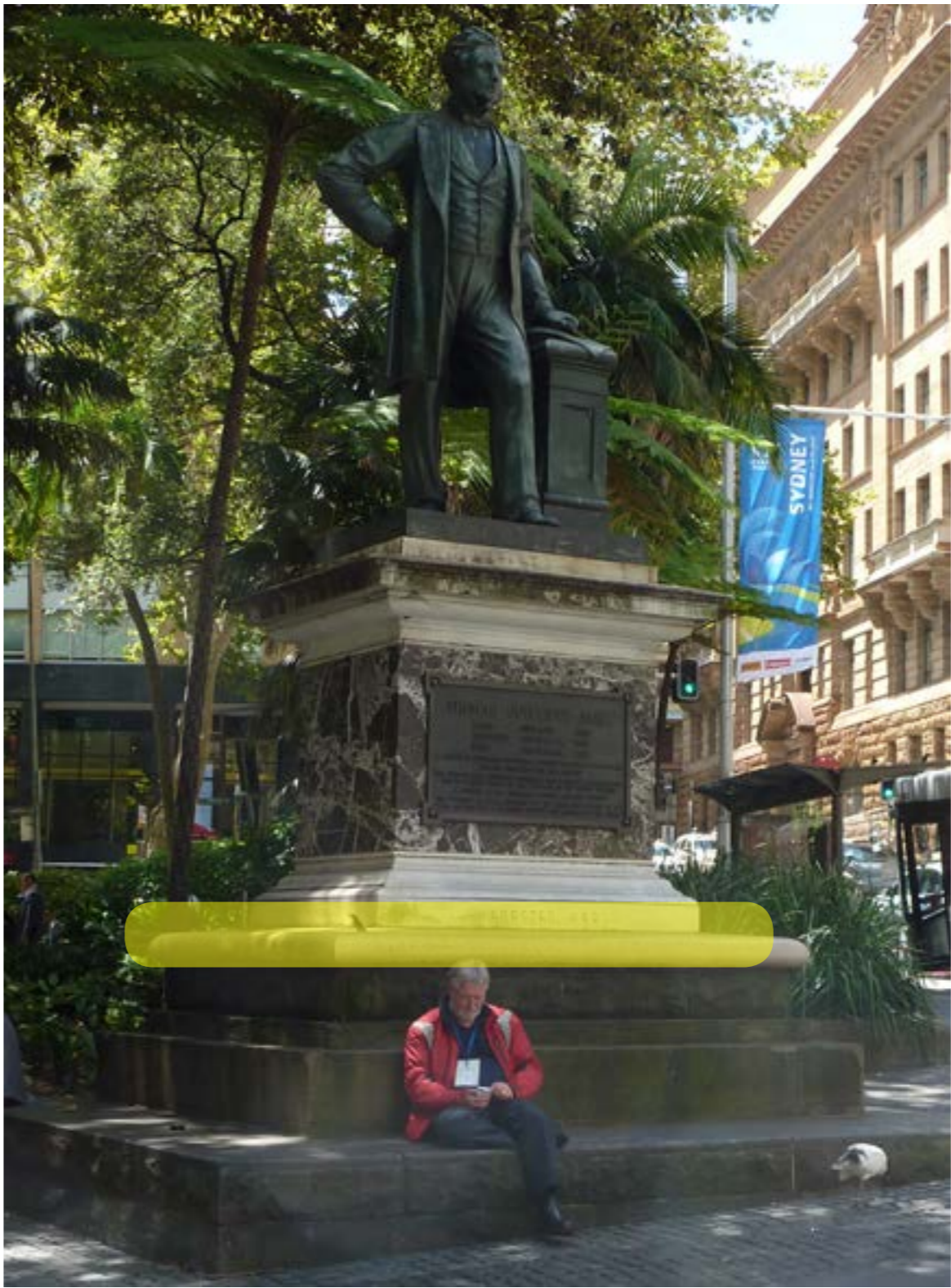
Artist Impression : Birds are not to scale



**Location 9**

Macquarie Place Park, under stone benches in south west corner.

Total Number of Birds - 4

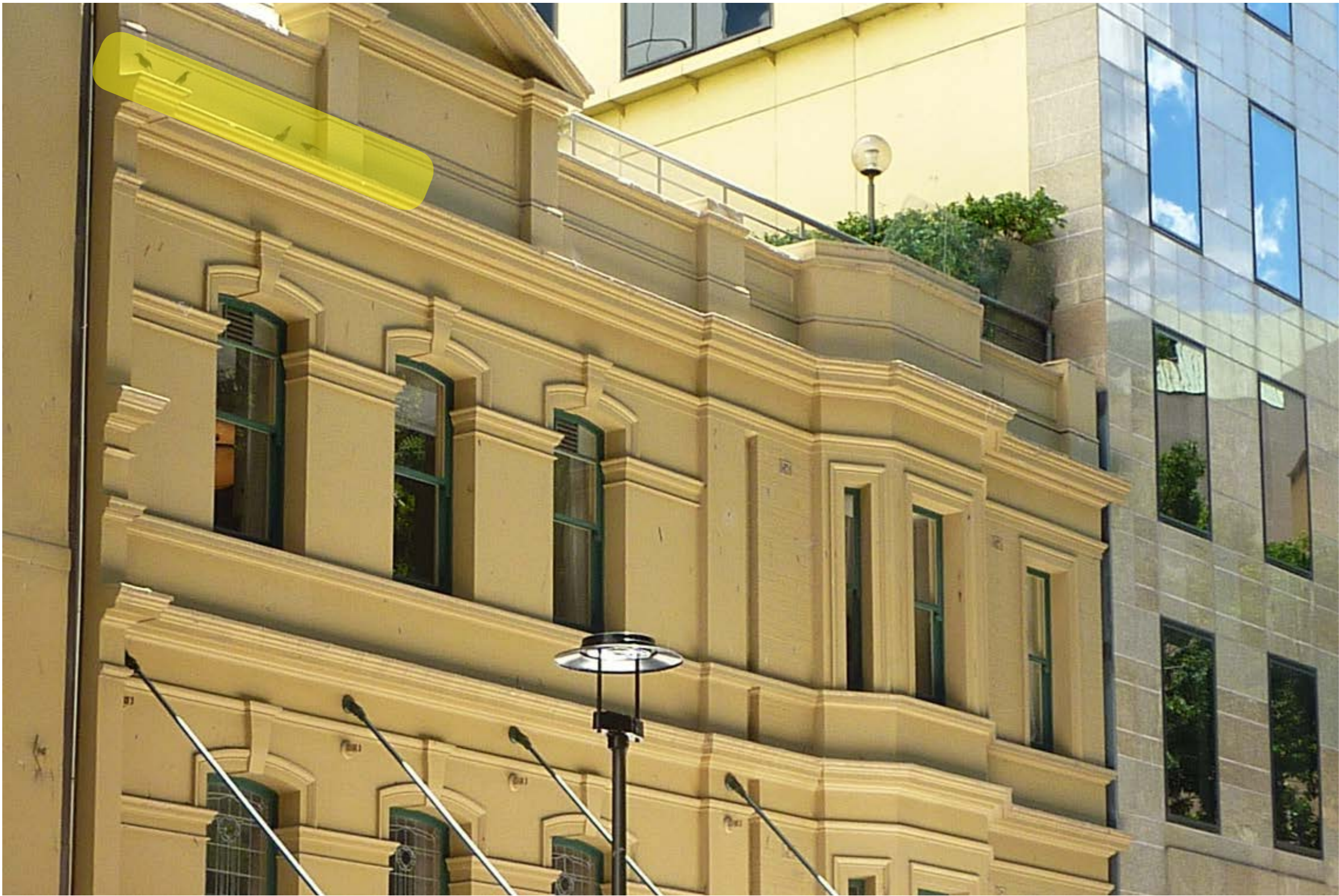


**Location 10**

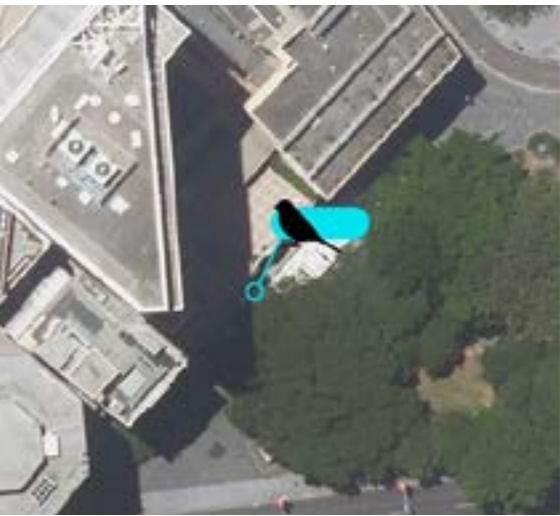
Macquarie Place Park, along ledge of Thomas  
Sutcliffe Mort Statue

Total Number of Birds - 1

Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



**Location 11**

30 Pitt Street. Customs House Bar, along ledge above 2nd floor windows.

Total Number of Birds - 4

Artist Impression : Birds are not to scale



**Location 12**  
Macquarie Place Park, bus stop on southern side of Bridge St.  
Total Number of Birds - 3

Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



**Location 13**

23-33 Bridge St, Dept. of Lands, Corner of Bridge and Gresham St on ledge above ground floor windows below statue.

Total Number of Birds - 1

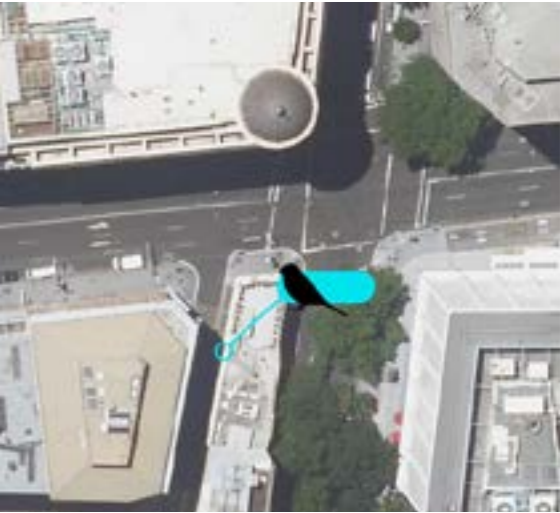
**Location 14**

No. 23-33 Bridge St, Dept. of Lands on ledge under statue of Sturt.

Total Number of Birds - 2



Artist Impression : Birds are not to scale



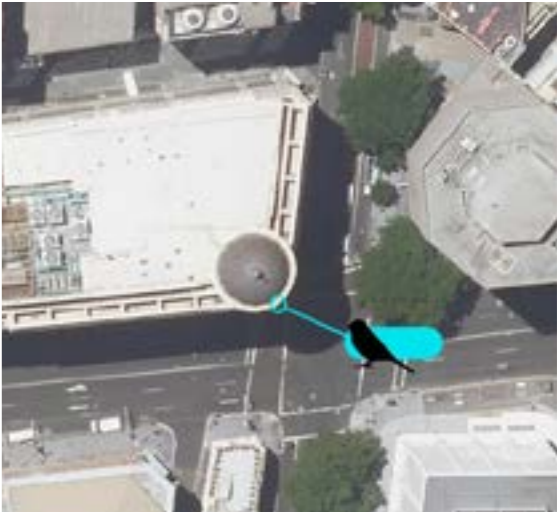
**Location 15**

69-73 Pitt Street. Tank Stream Way, along ledge below first floor windows on Tank Stream Way

Total Number of Birds - 2



Total Number of Birds - 1

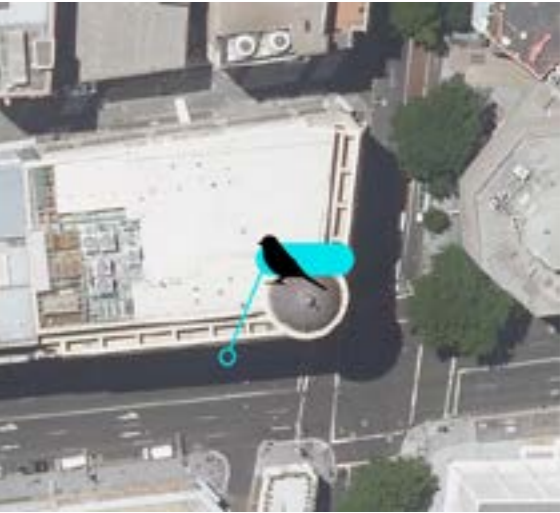


**Location 18**

20 Bridge Street. ASX Exchange Centre, HSBC shop, along ledge below windows on corner of 2nd floor.

Total Number of Birds - 1

Artist Impression : Birds are not to scale



**Location 19**  
20 Bridge Street. Exchange Centre, on awning  
between triangle of support fixing

Total Number of Birds - 1

Artist Impression : Birds are not to scale



**Location 20**  
No. 6 Bridge St, along ledge atop capital to right  
or left of red door.  
Total Number of Birds - 1

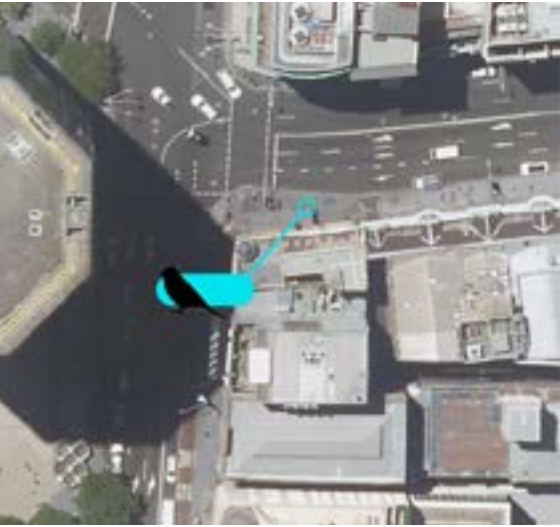
Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



**Location 21**  
5-11 Bridge Street. Entrance to Bridge Lane, on top of corbel to right of arch.  
Total Number of Birds - 2



**Location 22**  
244-246 George Street. Metropolitan Hotel  
awning on left hand side.  
Total Number of Birds - 1

Artist Impression : Birds are not to scale



**Location 23**

SmartPole on south east corner of George & Bridge St, along arm extending out to street light.

Total Number of Birds - 2

Artist Impression : Birds are not to scale



**Location 24**

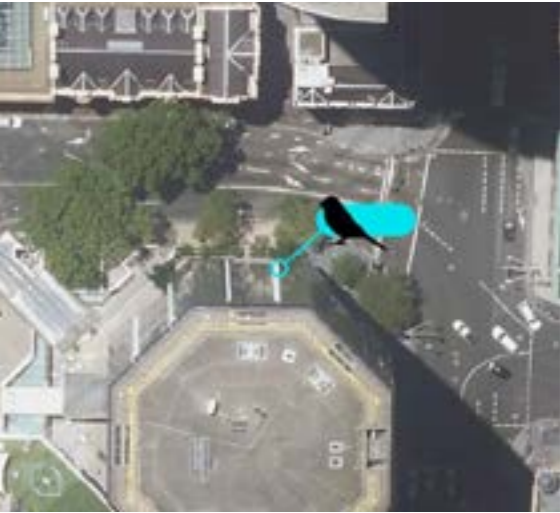
234-242 George Street. Corner of Bridge and George St, between two awnings above convenience store.

Total Number of Birds - 1

Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



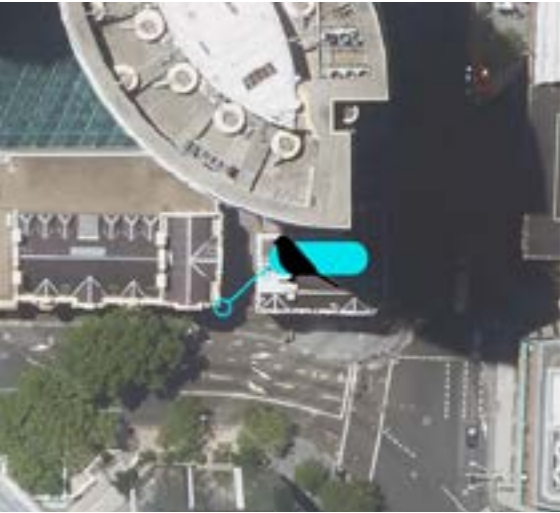
**Location 25**  
243-257 George St on low stone wall on  
Grosvenor St Corner.  
Total Number of Birds - 1



Artist Impression : Birds are not to scale



**Location 26**  
243-257 George Street. Concrete balustrade on balcony above food court off Grosvenor St.  
Total Number of Birds - 4



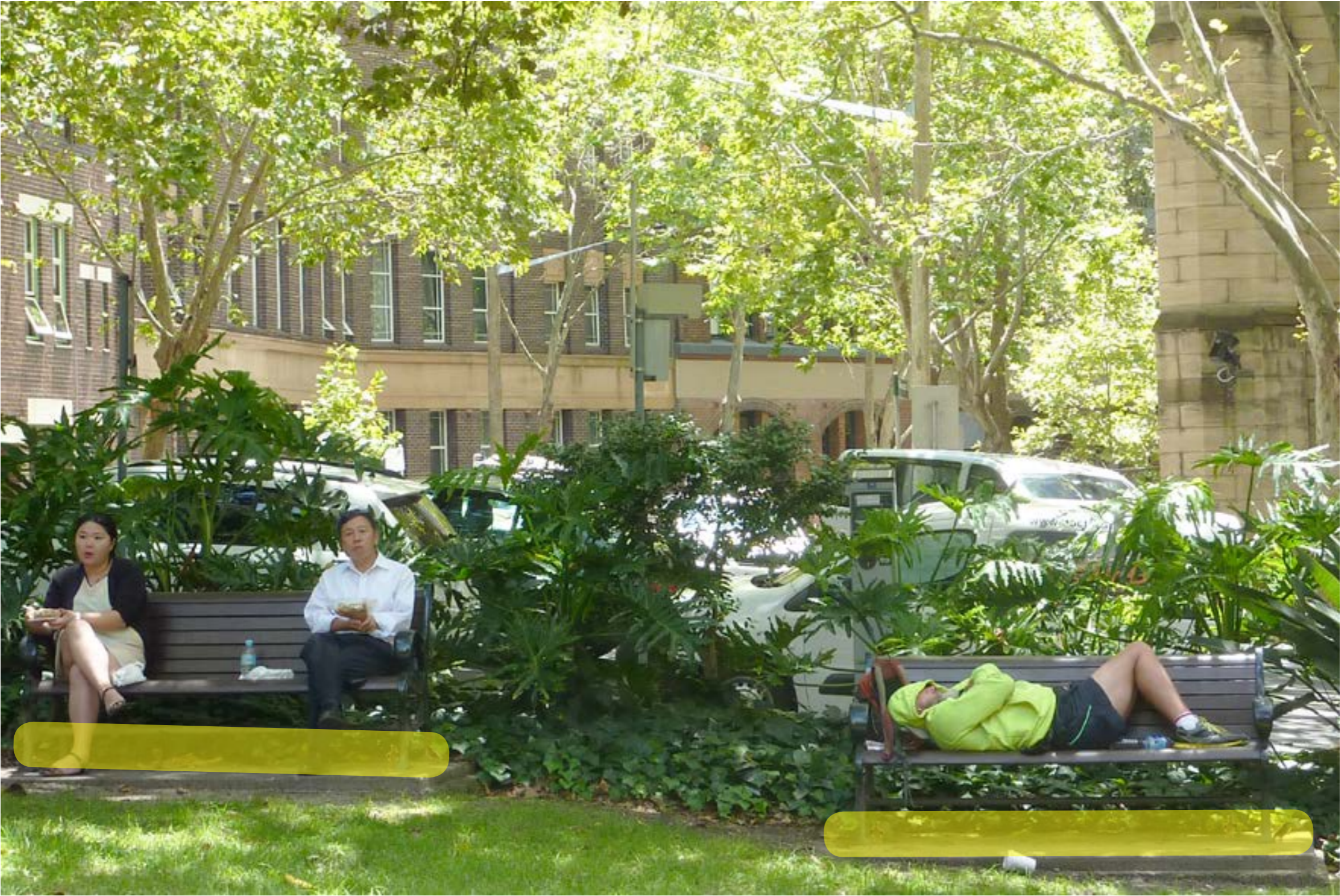
**Location 27**  
205-227 George St on 32 Grosvenor St Corner,  
above '32' along ledge.  
Total Number of Birds - 2

Artist Impression : Birds are not to scale



**Location 28**  
30 Grosvenor Street. Corner of Harrington &  
Grosvenor St, on cornice  
  
Total Number of Birds - 3

Artist Impression : Birds are not to scale



Artist Impression : Birds are not to scale



**Location 29**  
Lang Park, under wooden benches to the left of  
entrance on the northern side of park.  
  
Total Number of Birds - 5



**Location 29 Cont.**  
(detail of right hand bench)

Artist Impression : Birds are not to scale



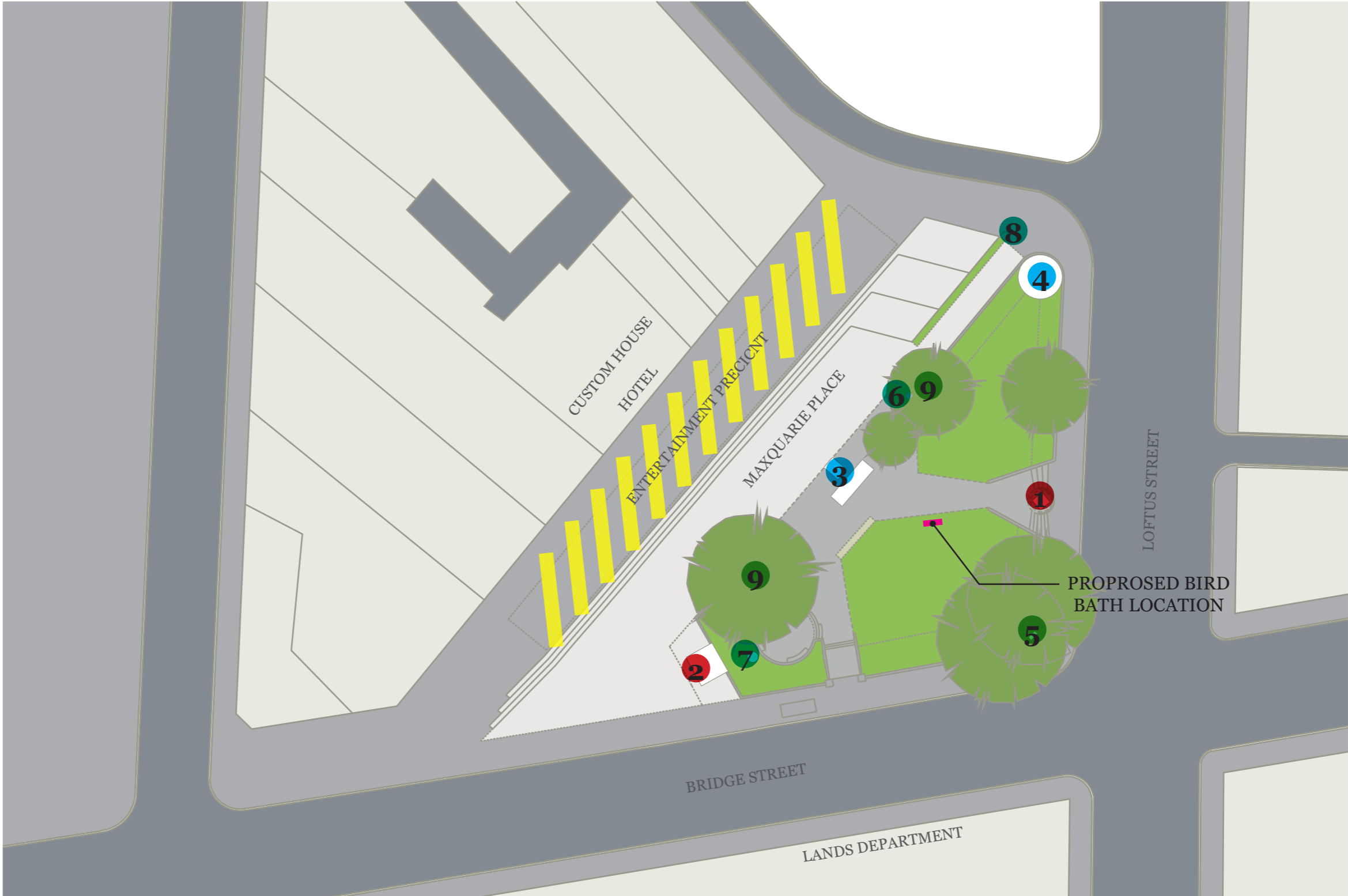
Artist Impression : Birds are not to scale



**Location 30**  
Lang Park. Grosvenor St top of lamp post to west of entrance on northern side of park.  
  
Total Number of Birds - 3

Items of Significance

- 1 Macquarie Obelisk
- 2 Thomas, Sutcliffe Mort Statue
- 3 H.M.S Sirius
- 4 Former Toliet
- 5 Remembrance Driveway//Royal Trees
- 6 Drinking Fountain
- 7 Scuplture
- 8 Park Signage
- 9 Moreton Bay Figs

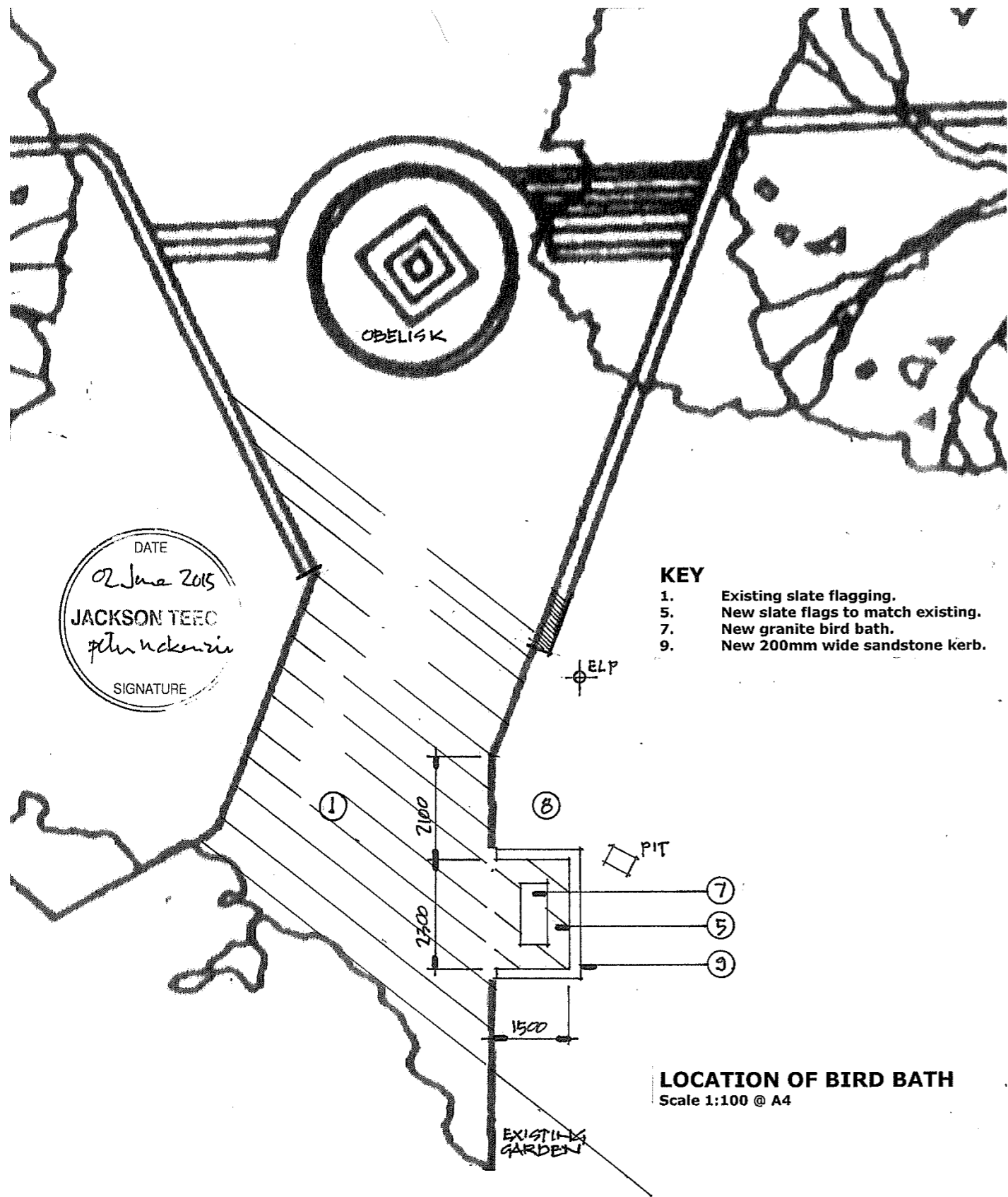




Artist Impression

**Overall Bird Bath dimensions**  
490mm High  
1300mm Long  
550mm Wide

**Proposed Material**  
Granite. Darwin Brown

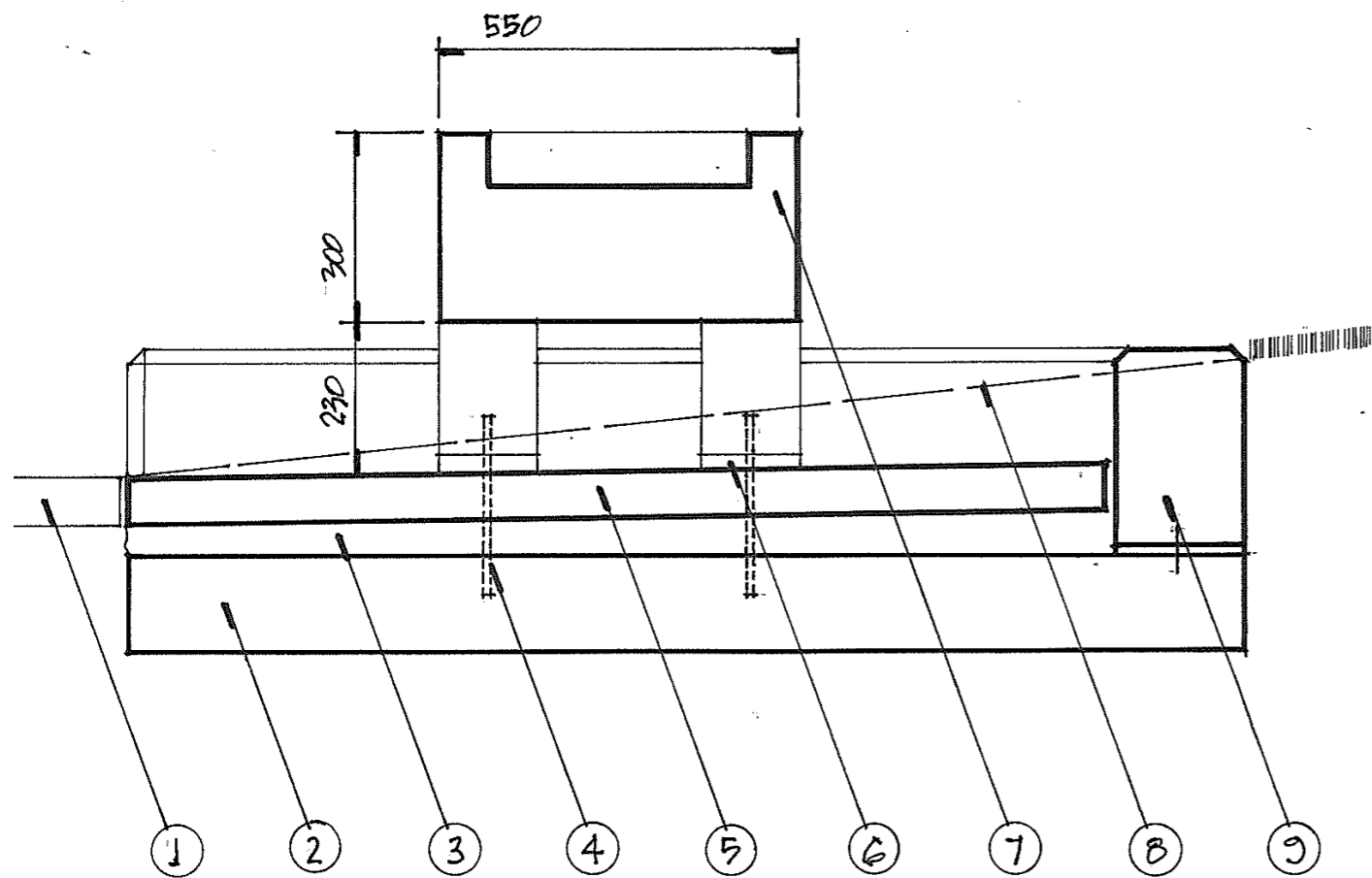


# THE DISTANCE OF YOUR HEART

KEY

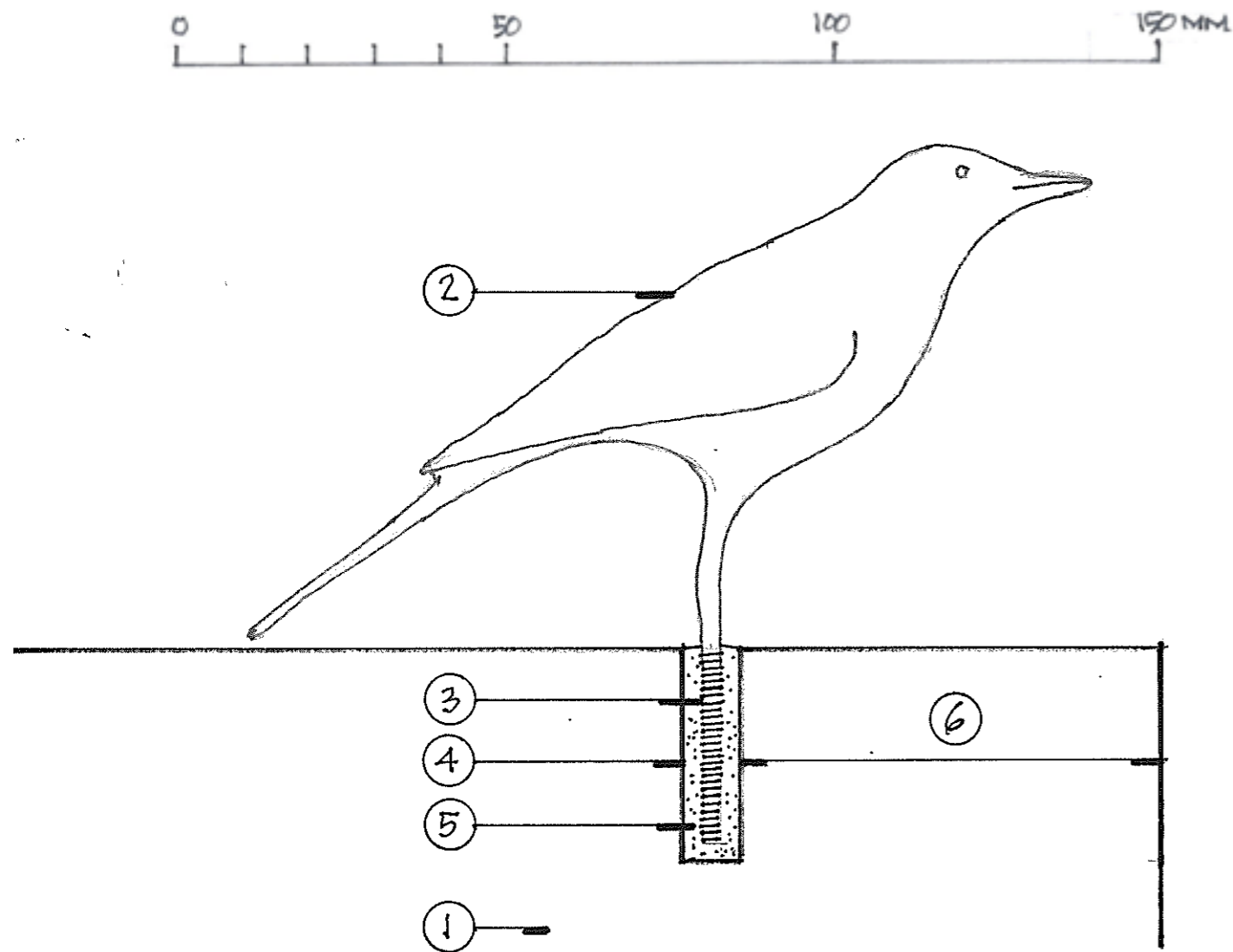
- 1. Existing slate flagging.
- 2. 32 MPa RC slab; to structural engineers specification.
- 3. Minimum 40mm thick 1:1:6 cement:lime:sand mortar bed.
- 4. 4 no. M15 stainless steel locating pins; minimum 60mm embedment in epoxy adhesive in 18mm diameter holes in RC slab and birdbath.
- 5. 75mm thick slate slabs; slate type, colours, finish and slab sizes to match existing in the adjoining path; lay with 1:80 fall; continue existing joint pattern and tooth new slabs into existing; grout with 1:1:6 cement:lime:sand mortar, coloured to match stone.
- 6. Non-shrink grout levelling bed.
- 7. Darwin Brown granite bird bath, polished finish; 1250mm long x 550mm wide; approximate weight 1.1 tonnes.
- 8. Existing sloping grassed lawn shown dashed.
- 9. 200mm wide sandstone kerb; gang sawn finish; bevelled edge; fix each block to RC slab with epoxy embedded 60mm x M10 pins; grout with 1:1:6 cement:lime:sand mortar, coloured to match stone.

NOTE  
Dimensions and construction details of RC slab are to be confirmed by structural engineer.



SECTION  
Scale 1:10' @ A4  
BIRD BATH

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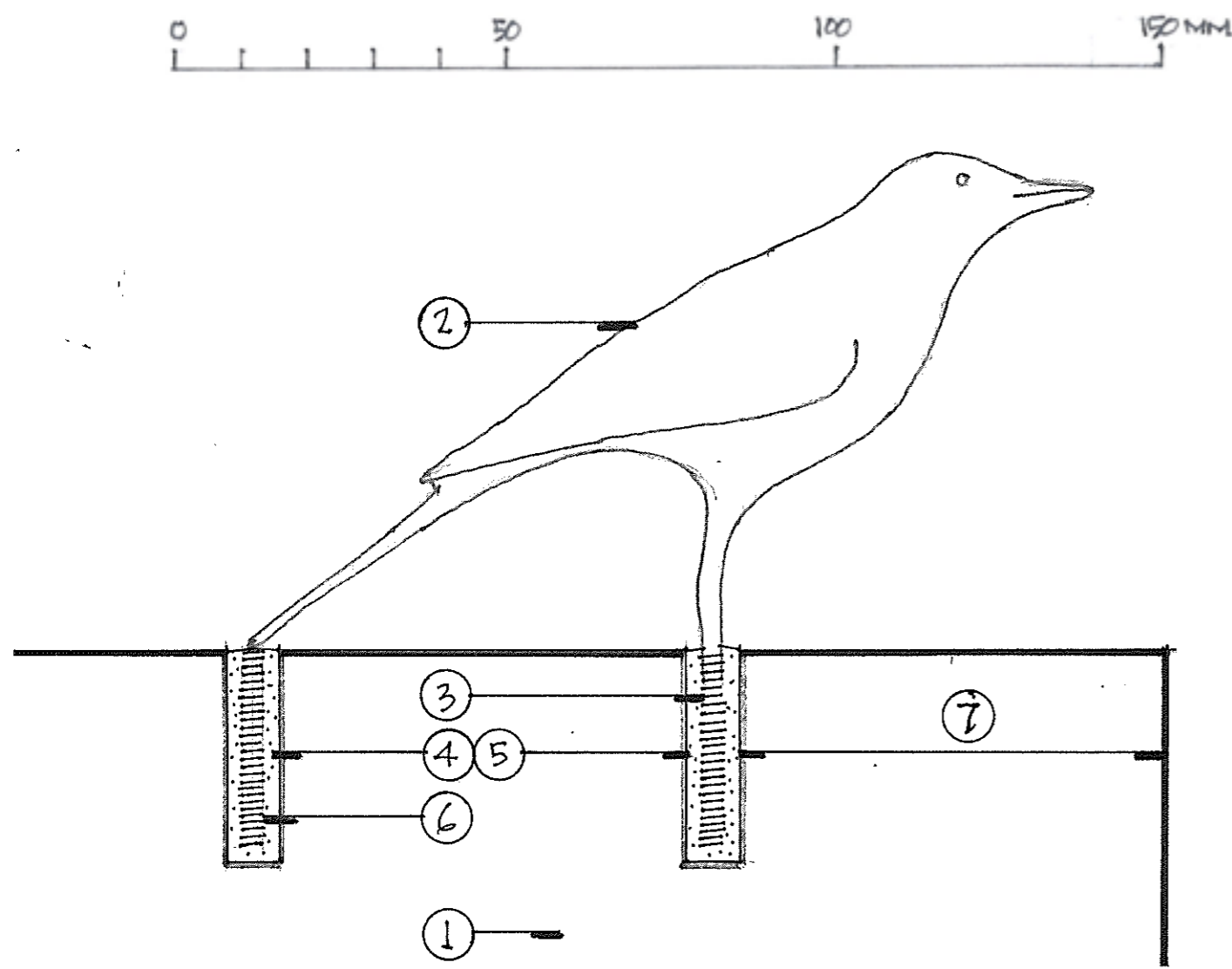


TYPE 1 MOUNTING

KEY

- 1 Existing masonry substrate [concrete; sandstone; granite; brick; or cement mortar]
- 2 Cast bronze bird; about 380 grams weight.
- 3 2 x 3mm bronze legs; embedded length threaded for secure fixing.
- 4 8mm diameter mounting holes; surface to be rough for keying of adhesive.
- 5 Fixing embedded in Hilti HIT HY-70 adhesive [curing time = 40 minutes @ 20°C].
- 6 65mm minimum edge clearance; installed clearance will depend on strength and thickness of substrate.

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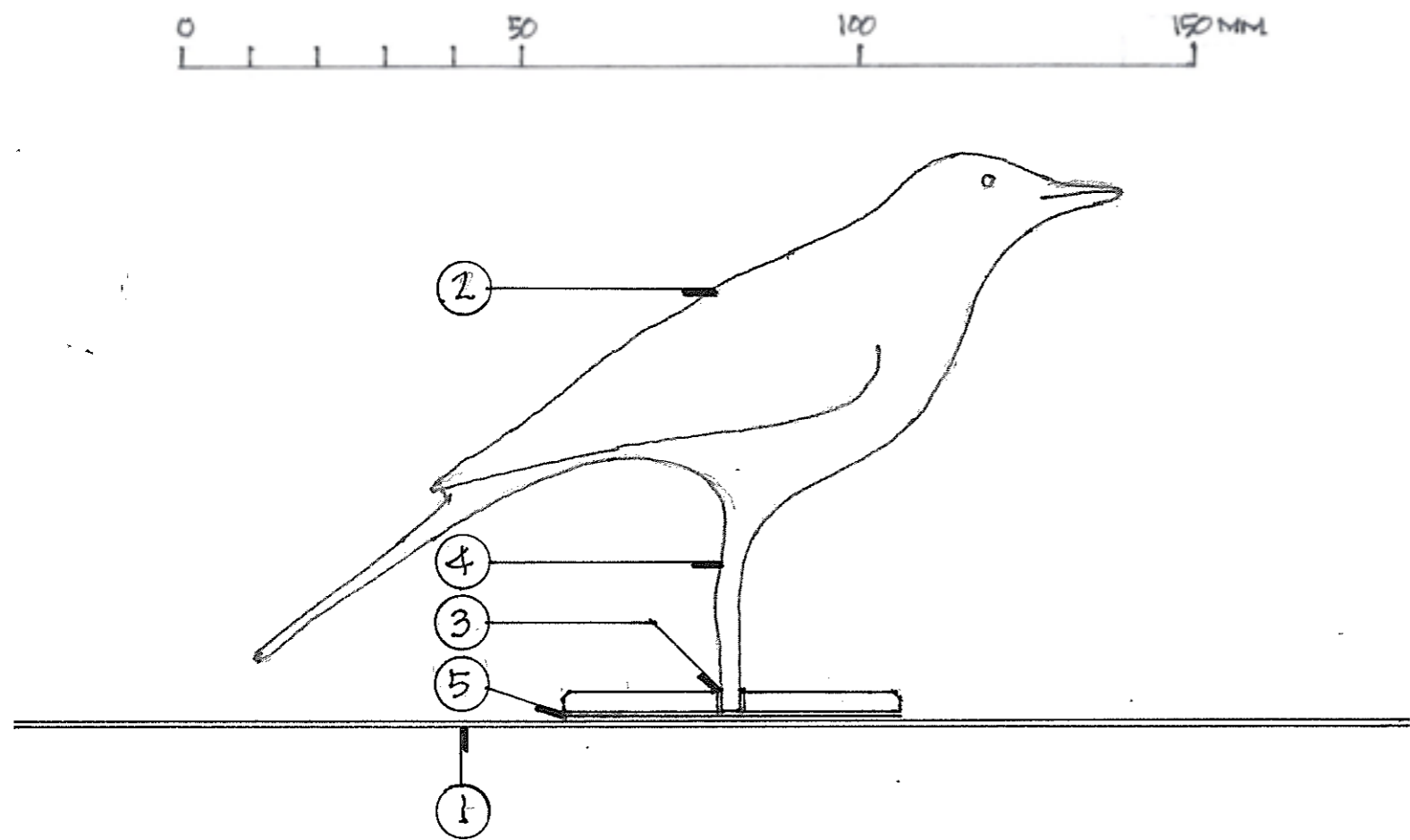


**TYPE 2 MOUNTING**

**KEY**

- 1. Existing masonry substrate [concrete; sandstone; granite; brick; or cement mortar]
- 2. Cast bronze bird; about 380 grams weight.
- 3. 2 x 3mm bronze legs; embedded length threaded for secure fixing.
- 4. 8mm diameter mounting holes; surface to be rough for keying of adhesive.
- 5. Fixing embedded in Hilti HIT HY-70 adhesive [curing time = 40 minutes @ 20°C].
- 6. 3mm diameter x 30mm long threaded bronze fixing pin; pin to be cut off if not required for mounting position.
- 7. 65mm minimum edge clearance; installed clearance will depend on strength and thickness of substrate.

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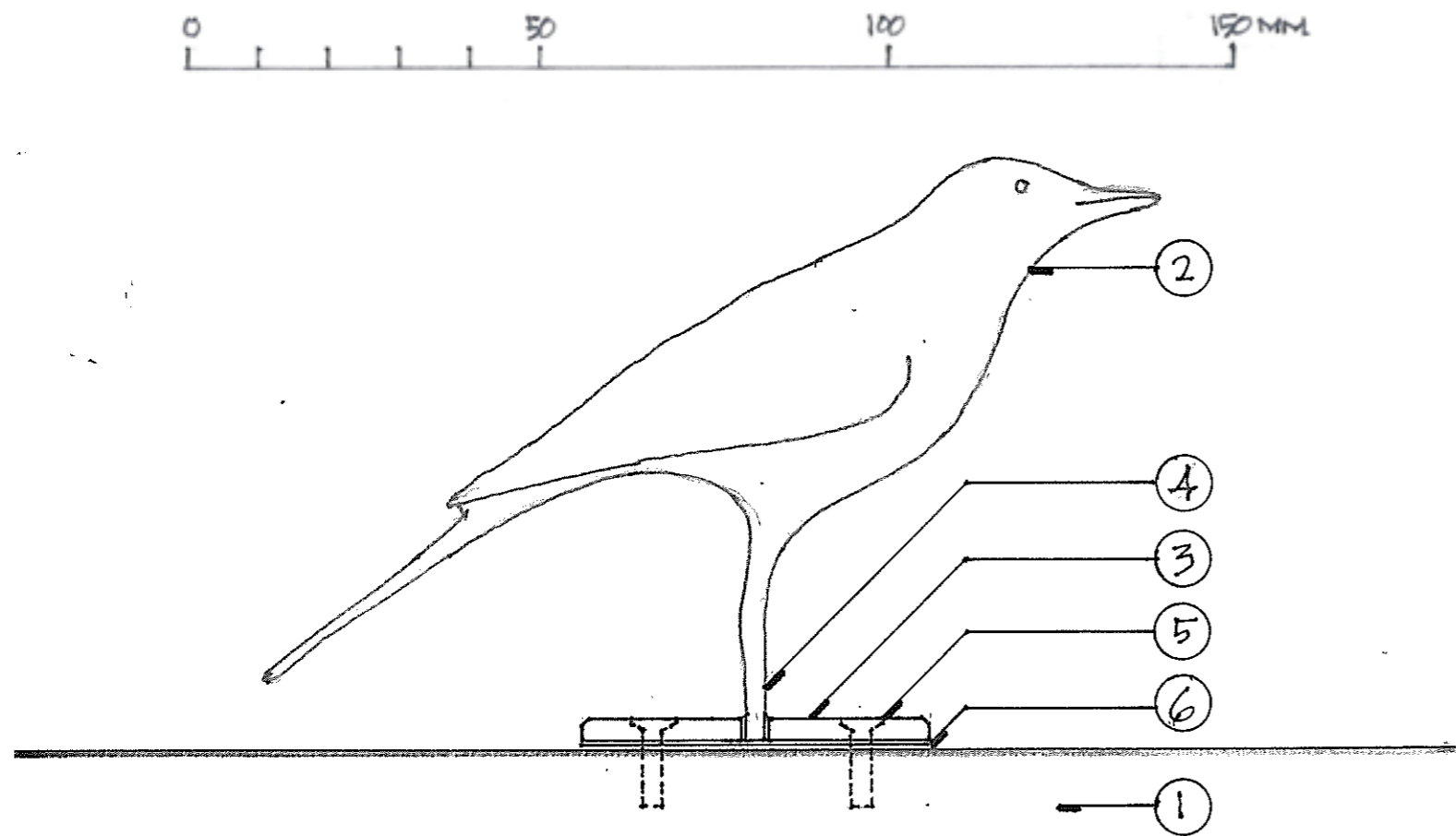


TYPE 3 MOUNTING

KEY

- 1 Existing sheet metal substrate; sheet type, finish/coating and thickness varies.
  - 2 Cast bronze bird; about 380 grams weight.
  - 3 3mm thick x 50mm long x 40mm wide brass fixing plate, drilled for attachment of bird.
  - 4 2 x 3mm bronze legs inserted through drilled holes and brazed to fixing plate.
  - 5 Fixing plate bonded to substrate with 3M Scotch-Weld MC100 adhesive or 3M VHB Tape 4910 clear double sided tape; the adhesive film also acts as a galvanic corrosion isolation layer.
- NOTE: if space exists beneath the sheet metal and the sheet is thick enough, the fixing plate can be screwed through a neoprene galvanic isolation gasket with 3no.6gge x 13mm long type 304 stainless steel csk. self-tapper screws.

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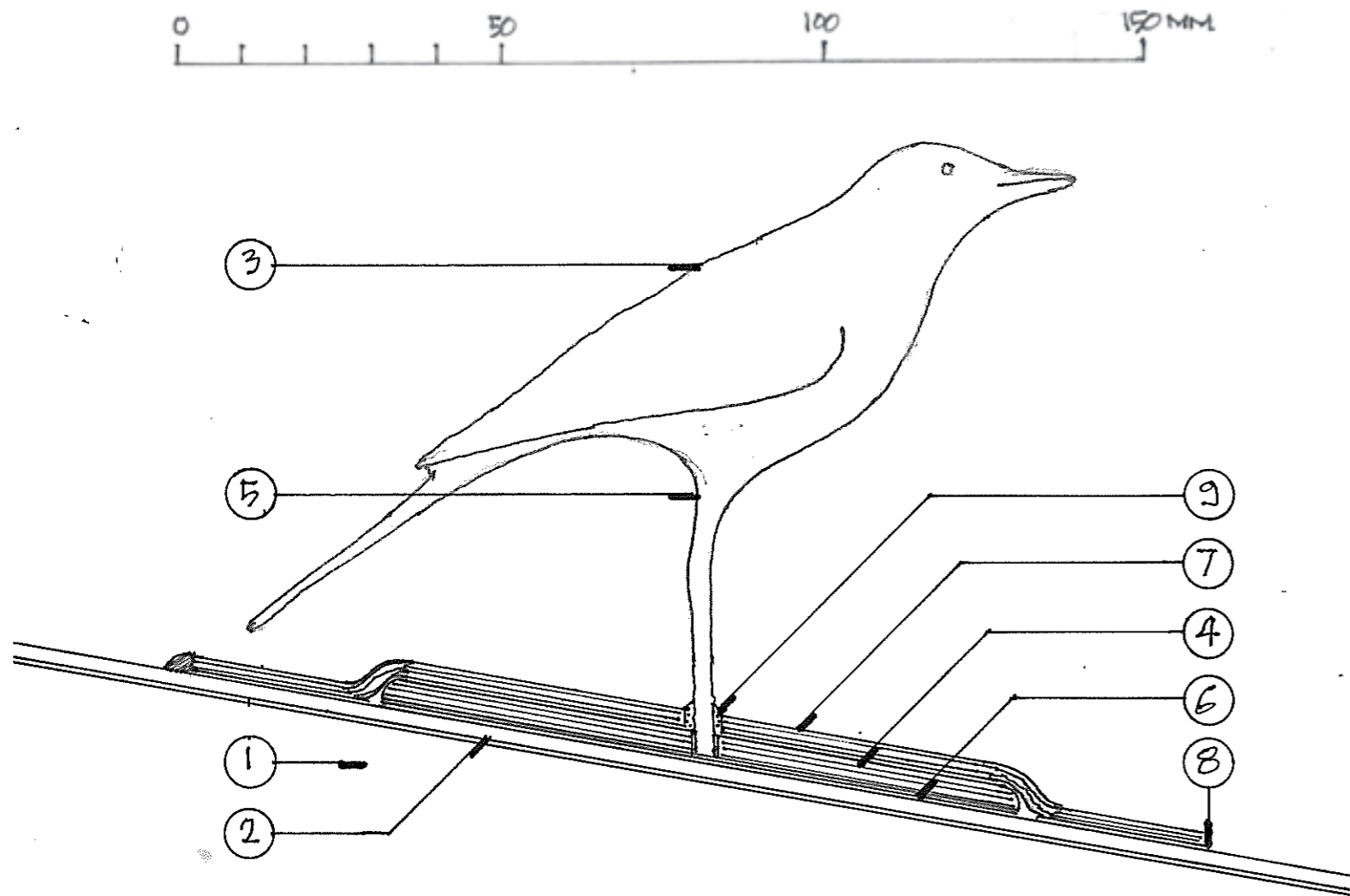


### TYPE 4 MOUNTING

**KEY**

- 1 Existing metal substrate; metal type, profile and finish/coating varies.
- 2 Cast bronze bird; about 380 grams weight.
- 3 3mm thick x 50mm long x 40mm wide brass fixing plate, drilled for attachment of bird.
- 4 2 x 3mm bronze legs inserted through drilled holes and brazed to fixing plate.
- 5 3no. 6gge type 304 stainless steel csk. machine screws; use 6 lobe/pin tamper proof screws for accessible locations at ground level; embed screws in sealant as galvanic isolation layer.
- 6 Neoprene isolation gasket

### THE DISTANCE OF YOUR HEART

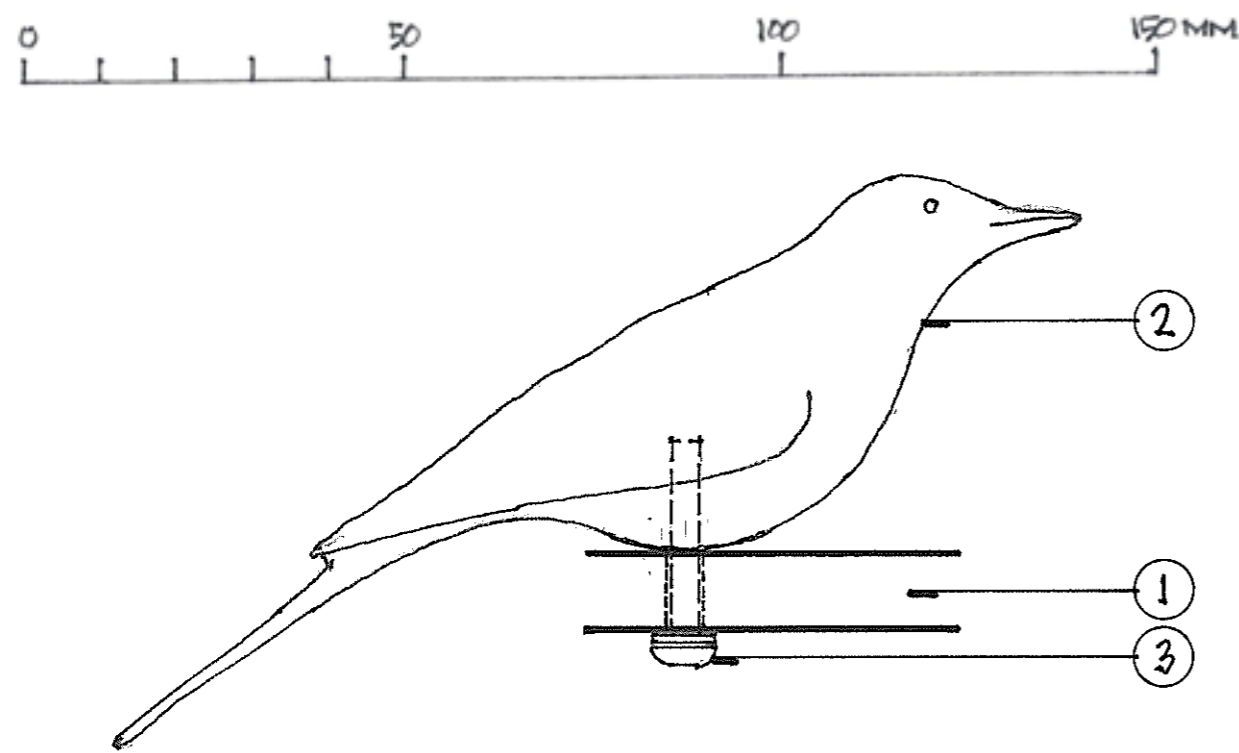


### TYPE 5 MOUNTING

#### KEY

- 1 Existing sandstone
- 2 Existing lead weathering; slope to be determined on site.
- 3 Cast bronze bird; about 380 grams weight.
- 4 3mm thick x 100mm long x 40mm wide brass fixing plate, drilled for attachment of bird.
- 5 2 x 3mm bronze legs inserted through drilled holes and brazed to fixing plate.
- 6 Sikaflex 11FC sealant/adhesive bed.
- 7 Code 5 lead sheet cap dressed over fixing plate and welded to existing lead sheet.
- 8 Drainage weephole at the lowest edge of the cap.
- 9 Seal holes through lead cap with Sikaflex 11FC sealant/adhesive.

### THE DISTANCE OF YOUR HEART

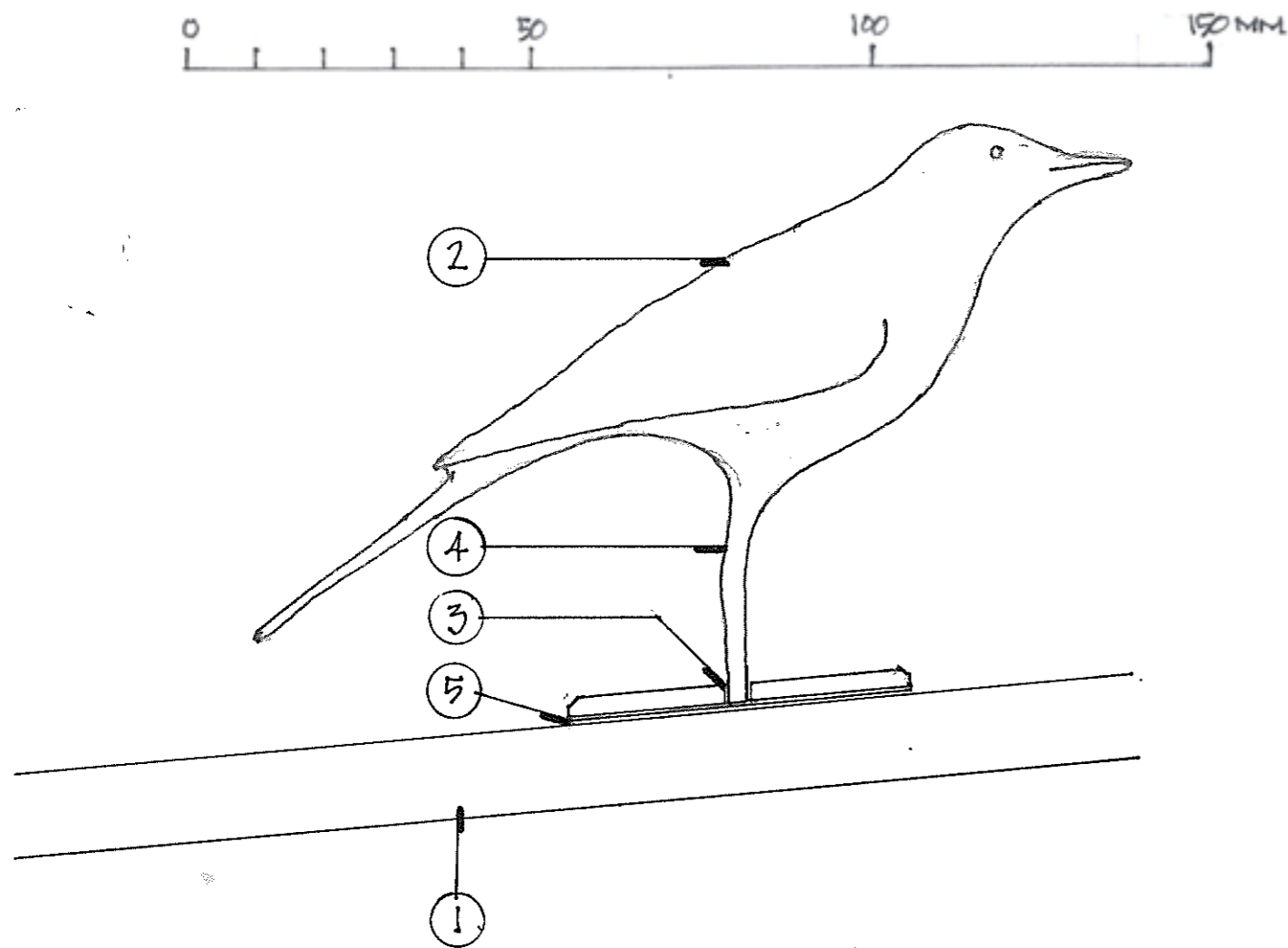


**TYPE 6 MOUNTING**

**KEY**

- 1 Existing metal substrate; metal type, profile and finish/coating varies; hole drilled for M4 screw.
- 2 Cast bronze bird without legs; body drilled and tapped for M4 screw.
- 3 M4 type 304 stainless steel button head 6 lobe/pin tamper proof machine screw + washer; embed screw in Loctite 222 threadlocker as galvanic isolation layer.

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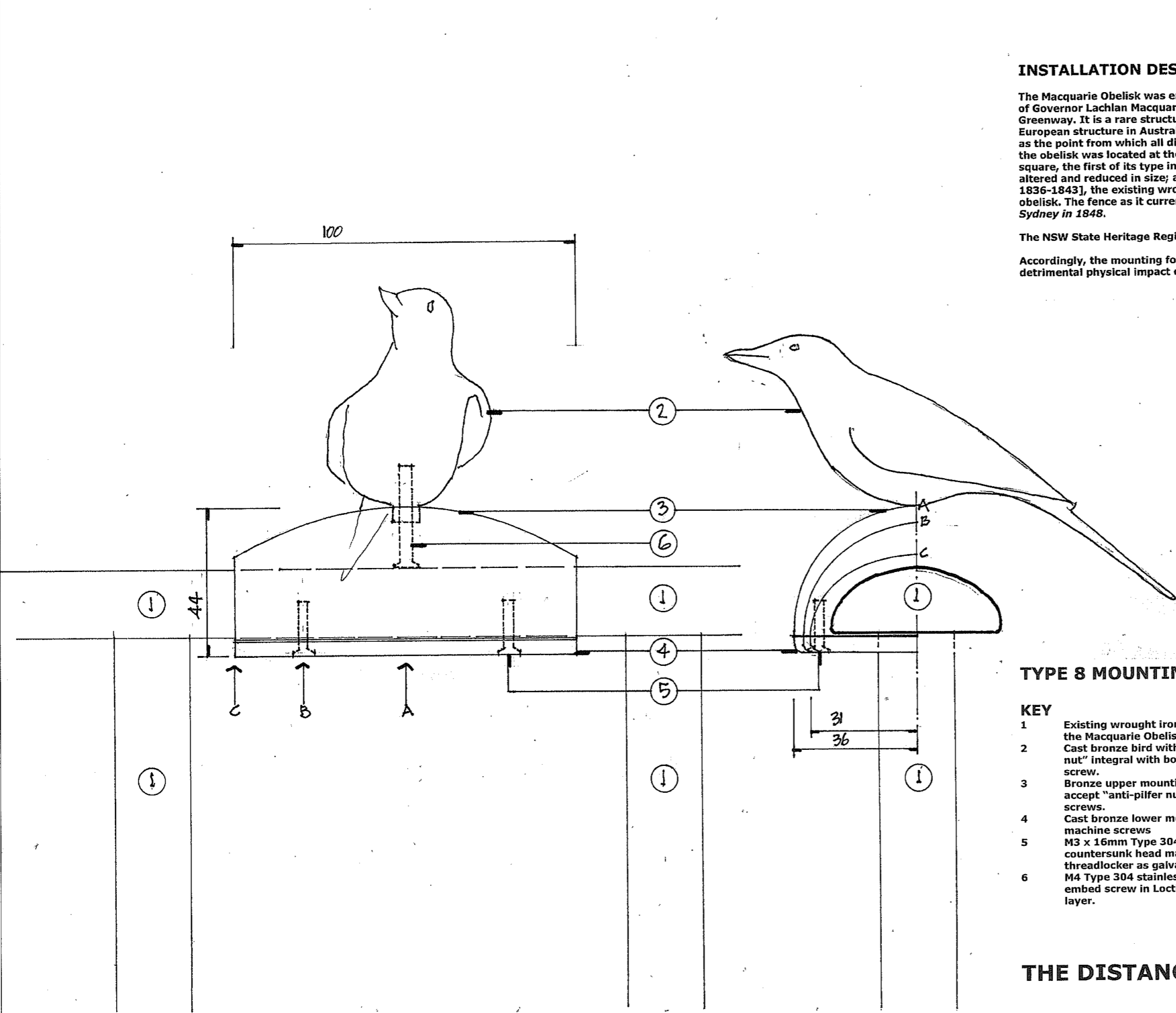


TYPE 7 MOUNTING

KEY

- 1 Existing clear laminated glass substrate; slope to be determined on site.
- 2 Cast bronze bird; about 380 grams weight.
- 3 3mm thick x 50mm long x 40mm wide brass fixing plate, drilled for attachment of bird.
- 4 2 x 3mm bronze legs inserted through drilled holes and brazed to fixing plate.
- 5 Fixing plate bonded to substrate with 3M VHB Tape 4910, clear double sided tape.

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INSTALLATION DESIGN CONSIDERATIONS

The Macquarie Obelisk was erected 1816-1818 during the administration of Governor Lachlan Macquarie to the design of Colonial Architect Francis Greenway. It is a rare structure, and is the second oldest surviving European structure in Australia. The obelisk retains its original function as the point from which all distances in NSW are measured. Originally, the obelisk was located at the centre of a fenced and substantially larger square, the first of its type in Australia. The Park has progressively been altered and reduced in size; as part of one of these changes [possibly 1836-1843], the existing wrought iron fence was constructed around the obelisk. The fence as it currently exists is illustrated in Joseph Fowles' *Sydney in 1848*.

The NSW State Heritage Register listing assesses the fence as rare.

Accordingly, the mounting for the bird on the handrail must entail no detrimental physical impact on the handrail.



TYPE 8 MOUNTING

KEY

- 1 Existing wrought iron fence [D-handrail and balusters] around the Macquarie Obelisk
- 2 Cast bronze bird without legs; cast with hexagonal "anti-pilfer nut" integral with body and drilled and tapped for M4 mounting screw.
- 3 Bronze upper mounting, cast to profile of existing handrail and to accept "anti-pilfer nut"; drilled and tapped for 4 no.M3 machine screws.
- 4 Cast bronze lower mounting plate; drilled for 4 no.M3 csk. machine screws
- 5 M3 x 16mm Type 304 stainless steel 6 lobe/pin tamper proof countersunk head machine screws; embed screws in Loctite 222 threadlocker as galvanic isolation layer.
- 6 M4 Type 304 stainless steel countersunk head machine screw; embed screw in Loctite 222 threadlocker as galvanic isolation layer.

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