

# GRIFFIN RESERVES CASTLECRAG PLAN OF MANAGEMENT

## PATHWAYS AND DRAINAGE RESERVES

### Part Three - Inventory

2016



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## P-1 - Between 3 and 5 The Postern - access to shops

### System

This pathway provides access to the shops from The Postern.

### Description

Width 3.66m. Concrete path 915 mm (3 feet) with Lomandra plantings on both sides, leading to a short flight of steps and bank of planted native vegetation, cyclone wire mesh and treated pine fence, then to another concrete path, with steps, which provides access to the shops. Overhead electricity lines, surface drain.

### Accessibility

Accessible - concrete path.

### Maintenance

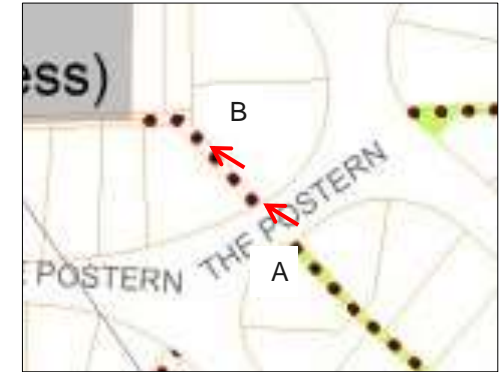
Council contractors.

### Role / significance

This is part of a well-established system providing access to the neighbourhood reserves and the village shops.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Clear paths of debris especially on steps, remove overhanging vegetation along paths. Over time replace narrow grass strips with local native ground cover or shrubs. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-2 - Between 4 The Postern and 31 The Parapet - access to Cortile Reserve

### System

This pathway connects The Postern to Cortile Reserve and is part of a system providing access to shops.

### Description

Width 3.05m. Concrete pathway 700mm wide. Curved path entrance maintains even gradient with Dianella plantings at base of telegraph pole. Two benches are located alongside of path on decomposed granite and sandstone flagging creating a small gathering point. Bounded on northern side by three properties. Bounded on southern side by one property with a 1.8m green metal sheet fence. Mature planted trees and shrubs overhang path from neighbouring properties.

### Accessibility

Accessible – concrete path with pram ramp access from road, sandstone paving and decomposed granite. Requires vehicular access along path for maintenance to playground. Path edge planting therefore needs to be tough species e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri*.

### Maintenance

Council.

### Role / significance

Part of a well-established system providing a gathering point and access to the neighbourhood reserve and the shops.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path. Maintain plantings and decomposed granite path. Continue to replenish plantings with local natives e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri* - as required. (see GRCPOM Part One Appendix - Castlecrag Plant List). Encourage Owners to be aware in future that a lower more transparent fence is desirable.



A



B

## P-3 - Between 9 and 11 The Parapet - access to Cortile Reserve

### System

This pathway connects The Parapet to Cortile Reserve and to the pathway P-5 which connects to Lookout Reserve.

### Description

Width 3.05m. Concrete pathway 1500mm wide. Boundary consists of various fence and hedge types. Mixture of native and ornamental plantings alongside path. One sign indicating access to Cortile Reserve.

### Accessibility

Accessible concrete path with pram ramp access.

### Maintenance

Council.

### Role / significance

Part of a well-established system providing access to the neighbourhood reserves and the village shops.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path. Maintain plantings. Continue to replenish plantings with local native e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri* as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-4 - Between 6 and 8 The Postern - access to Keep and Lookout Reserves

### System

This pathway provides access to Keep and Lookout Reserves for the properties in The Parapet and The Rampart and alternative pedestrian access to shops.

### Description

Width 3.05m. From The Postern, the path has various changes in surface materials from a concrete path 0.9m with mown grass on both sides, then bitumen (2360mm), then grass and stone steps, decomposed granite and grass near the Turret, to bush track near the Lookout. Between Turret and Lookout reserves there are many 'invisible' wire fences (following the Griffin concepts) and some private gardens merge with the pathway. This is an outstanding example of Griffin's pathway system. There are good views of Northbridge across the top of the fences and escarpment. At its eastern end it meets Lookout Reserve. Some properties have no fences and both native and ornamental plants are common. Actively used by residents of Castlecrag to access shops. Council maintenance complements the efforts of many owners. Path lies in the line of a possible fauna corridor running north to south linking Northern Escarpment to Turret and Keep Reserves.

### Accessibility

Accessible - concrete path, grassed paths and some stone steps.

### Maintenance

Maintained by residents and Council contractors.

### Role / significance

Outstanding example of the pathway system in design, use and character. In parts the path has significant views to south across to Northbridge. Used by locals for access to village shops, reserves and for recreation.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain plantings and path surfaces. Replenish plantings with local native species as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-5 - Between 12 and 14 The Parapet - access to Lookout Reserve and The Rampart

### System

This pathway provides access to Lookout Reserve and The Rampart and forms part of access system to shops etc.

### Description

Signposted shared access via sandstone paved driveway used by 12 The Parapet. Width 3.05 m. Narrow sandstone path diverts to the right becoming a bush track near the side wall of the house to Lookout Reserve and pathway to The Rampart. There are no side fences. Neighbours report that the pathway is actively used and there are no problems with security. Some neighbours believe that the accessibility to the neighbours provides some security, because neighbours would notice intruders and take appropriate action.

### Accessibility

Accessible – shared access with driveway entry makes it not obvious, sandstone path and bush path. This path is sign posted.

### Maintenance

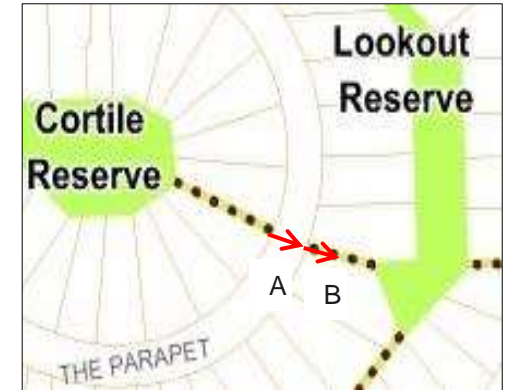
Maintained by residents and Council.

### Role / significance

This is an example of a shared pathway with driveway becoming a small bushland track actively used by locals as a shortcut to village shops and public transport.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain path surfaces. Replenish path edge plantings with local native species as required. e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri* (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B



## P- 6 - The Rampart between 1 The Rampart and 2 Sortie Port - access to Lookout Reserve and The Parapet

### System

This pathway provides access to Lookout Reserve and The Parapet, and thence to shops via Cortile Reserve.

### Description

Width 3.05m. Signposted shared access via asphalt then gravel driveway used by 1 The Rampart, alongside hedged boundary of 2 Sortie Port. Entry to Lookout Reserve is across an open water channel where the pathway (with sandstone steps) leading uphill to Cortile Reserve forks off to the left. Actively used as a shortcut to shops and public transport.

### Accessibility

Accessible – shared access with driveway entry makes it not obvious and leads to bushland track.

### Maintenance

Maintained by residents and Council.

### Role / significance

Example of a shared pathway and driveway with small bushland track that is actively used by locals.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain path surfaces. Replenish path edge plantings with local native species e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri* as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-7 - Rear 11-15 The Redoubt, 2 The Rampart, 1 Sortie Port and 16-22 The Bastion - access to Casement Reserve

### **System**

This pathway provides access to Casement Reserve from the rear of properties in The Bastion and The Redoubt. Not a through route.

### **Description**

Width 3.05m pathway from Casement Reserve to rear 15 The Redoubt, a dead end. Mostly overgrown with garden escapes from adjacent properties, and exposed rock at the rear of 11 and 13 The Redoubt. Properties have wire fences, with the exception of 11 The Redoubt where garden walls have been carefully designed to provide privacy for the rooms in the house, leaving other parts of the grounds without boundary fences. Little apparent use, but a desirable adjunct to the rear of the properties,

### **Accessibility**

Mostly inaccessible through the lack of use by residents.

### **Maintenance**

Maintained by Council contractors.

### **Role / significance**

Initially intended as an accessible pathway when residents were less reliant on cars. Due to underuse this pathway is not well maintained by residents or Council.

### **Management policy**

Noxious weed control to be regularly conducted by Council contractors.



## P-8 - Between 19 and 21 The Bastion - access to Embrasure Reserve

### System

Pathway and drainage reserve. This pathway provides access to Embrasure Reserve and is part of a system providing pedestrian access from The Bulwark towards Edinburgh Road and village shops.

### Description

Width 3.05m. The reserve is a gentle sloping crushed decomposed granite path with sandstone steps accessed via a steeply ascending set of sandstone stairs that wrap around the exposed drainage pit off The Bastion. The path is flanked with exotic plants from adjoining private gardens and by high solid fencing. Surface water from the lower gardens of the adjoining properties runs freely onto the reserve making the path wet and slippery in times after rain. Flanked also by high fencing.

### Accessibility

Provides access from/to The Bastion via steep set of well-constructed sandstone stairs around the existing drainage pit. Pathway serves as an important access link to a series of reserves Embrasure, Gargoyle and Oriel Reserves, which then link to a lower network of roads and reserves.

### Maintenance

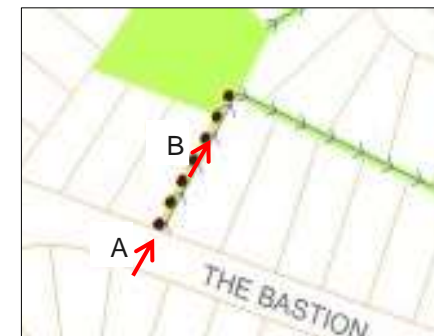
Maintained by Council.

### Role / significance

Part of the pedestrian access system from the lower roads to Edinburgh Road and village shops.

### Management policy

Ensure residents do not allow drainage water from properties onto path increasing premature erosion. Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain path surfaces due to constant water flow. Replenish path edge plantings with local native species as required e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri*. Encourage adjoining owners to remove high solid fencing.(see GRCPOM Part One Appendix - Castlecrag Plant List). Encourage Owners to be aware in future that a lower more transparent fence is desirable.



A



B

## P-9 - Between 95 and 97 The Bulwark – drainage reserve to Embrasure Reserve and The Bastion

### System

Drainage reserve which was once used as a scramble path to Embrasure Reserve. Apparently was once part of the pedestrian access system from the lower roads to Edinburgh Road and the village shops. This is a major natural watercourse/drainage system to Retreat Reserve.

### Description

Width 3.05m. The absence of fences makes recognition difficult, but the reserve clearly contains remnant indigenous vegetation. A bush path provides access to 95 The Bulwark, on the edge of a rocky ledge. Weeds and garden escapes - morning glory and impatiens and some natives exist along the length. There is a substantial stone retaining wall approx. 1.8 m high roughly following the boundary with 97 The Bulwark (see Council survey, P2199). Near the junction with the Embrasure reserve, the pump and fence to swimming pool at 97 The Bulwark are encroaching. No fence along the boundary with 95 The Bulwark, and part of the steps/path may be an encroachment onto the reserve. It was once accessible in the past and used as a pathway.

### Accessibility

Inaccessible due to natural watercourse, terrain and structures. Explore opportunity to improve pedestrian access.

### Maintenance

Residents and Council contractor.

### Role / Significance

This is a natural watercourse where in the past very difficult access could be made between The Bulwark and Embrasure Reserve forming part of the pedestrian system. This path, if made more accessible, would provide a pedestrian link for residents in The Bulwark to Edinburgh Road and village shops. Due to large volumes of water generated in heavy rains this access would require bridging over the watercourse.

### Management Policy

Retain natural watercourse through the reserve. Access from The Bulwark to Embrasure Reserve is desirable. Discuss with adjoining owners. Negotiate improved access way if and when 95 The Bulwark is further developed. Continue ongoing weed removal.



## P-10 - Between 17 and 19 The Battlement - access to Embrasure Reserve and Gargoyle Reserve

### System

Path and drainage reserve. Part of the system of pathways which steeply descends past a major sandstone escarpment to a series of linked reserves and serves as another access route to The Bulwark.

### Description

Width 3.05m. Signposted on The Battlement path consists of well-constructed sandstone steps connecting to pathway P-11 which links Embrasure to Gargoyle Reserves. Metal pipe handrail with wire mesh infill panel exists for part of pathway. Provides access to a flat at rear 17 The Battlement. Apparently used as access to Edinburgh Road by some residents in The Bulwark. Steps probably constructed in the early decades of Castlecrag. The roadside verge at The Battlement (above the level of the road surface) is worn in several places due to the absence of properly formed stairs.

### Accessibility

Accessible - earth pathway and steep sandstone steps.

### Maintenance

Residents and Council.

### Role / significance

Steeply descending path which provides views across to The Spit and beyond from the higher level and drops from upper level of major sandstone escarpment to its base. It links to the lower system of reserves and network of roads.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain path surfaces due to constant water flow. Replenish path edge plantings with local native species as required. Opportunity exists to construct low key steps in the roadside verge to provide access from roadside. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-11 - Rear 21-25 The Battlement and rear of 81-87 The Bulwark – link between Gargoyle Reserve and Embrasure Reserve

### **System**

Track connects Gargoyle Reserve to Embrasure Reserve. Part of the pathway system along the base of the major sandstone escarpment in the Castlecrag estates.

### **Description**

Width 3.05m. At the western end, adjoining the steps from The Battlement, the pathway reserve is bounded by a substantial sandstone retaining wall along, or close to, the rear boundary of 19 The Battlement. There is a clear path with some views north and south. Provides a link between Gargoyle to Embrasure Reserve. Most properties on The Battlement side remain unfenced, especially as the escarpment provides a natural barrier.

### **Accessibility**

Accessible.

### **Maintenance**

Council.

### **Role / significance**

A vital link in the pathway system providing access between two major reserves.

### **Management policy**

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along paths especially from steps. Maintain path surfaces. Replenish path edge plantings with low growing local native species (no greater than 2m) as required especially to screen adjoining properties on lower side. (see GRCPOM Part One Appendix - Castlecrag Plant List).



## P-12 - Between 31 and 33 The Battlement - access to Gargoyles Reserve

### System

Drainage reserve flowing down to Gargoyles Reserve.

### Description

Width 3.05m. This was once a natural watercourse running between the natural sandstone escarpment which now is a stormwater drain and inspection pit, making access extremely difficult and dangerous. The owners of 31 The Battlement (with Council consent) have planted the front of the reserve to deter people because of its inaccessibility. This natural drain, now piped, may have been the natural waterfall which prompted the name Gargoyles, and is mentioned by Griffin in several publications.

### Accessibility

Access severely reduced by drain, terrain, and vegetation.

### Maintenance

Adjoining owners and Council.

### Role / significance

Part of the design to accommodate the natural drainage system.

### Management policy

Continue ongoing maintenance and weed removal by Council as required.



A



B

## P-13 - Rear 7-19 The Bastion and rear 97-109 The Bulwark - access to Embrasure Reserve

### **System**

Drainage reserve providing access to the Embrasure from rear of properties in The Bulwark and The Bastion and is also a major drain. Beyond the drainage reserve is a drainage easement of similar width extending to The Bastion and part of the original plan.

### **Description**

Width 3.05m. An open grassed path framed by vegetation from adjoining properties. Well maintained by adjoining owners. Some properties have low retaining walls in local stone, some wire fences and some properties remain unfenced. An outstanding example of a local pedestrian pathway which is maintained by adjoining owners.

### **Accessibility**

Accessible for its full length.

### **Maintenance**

Maintained by residents and Council.

### **Role / significance**

An outstanding example of path and drain which provides an open space asset to adjoining properties.

### **Management policy**

Continue ongoing maintenance and weed removal by Council as required. Encourage the continued maintenance of stone walls along property boundaries.





## P-14 - Rear 21-25 The Citadel and rear 71-75 The Bulwark - connects Oriel Reserve to Gargoyle Reserve

### System

Part of the pathway system that allows access for residents to neighbourhood parks and appreciation of the natural landscape features.

### Description

Width 3,66m. Bushland track with vegetation extending from adjoining properties. Many boundaries without fences with some fenced. Absence of boundary markers and fences makes it difficult to appreciate the edge or extent of the pathway.

### Accessibility

Accessible bushland track.

### Maintenance

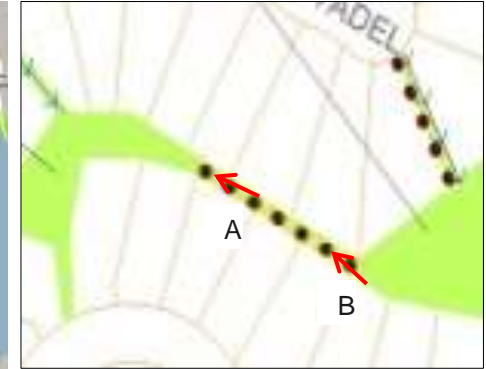
Maintained by Council and residents.

### Role / significance

An important link between reserves and in the pathway network that allows an appreciation of the natural landscape features.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish path edge plantings with local native species as required especially to screen adjoining properties. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A

B

## P-15 - Between 7 and 9 The Citadel - access from The Citadel to Tower Reserve

### System

Drainage reserve and pathway. Access connecting The Citadel to Tower reserve.

### Description

Width 3.05m. Access connecting The Citadel to Tower Reserve via sandstone stairway which is a mix of steps laid and steps carved into the existing rock shelf. From the top of the stairs to the driveway within Tower Reserve the straight path is bounded by private fences covered in vegetation. The path is a link in the recreational walkway system by providing a connection between Oriel and Tower Reserves and provides pedestrian access from Edinburgh Road to the lower network of roads in Castlecrag.

### Accessibility

Accessible and well sign posted.

### Maintenance

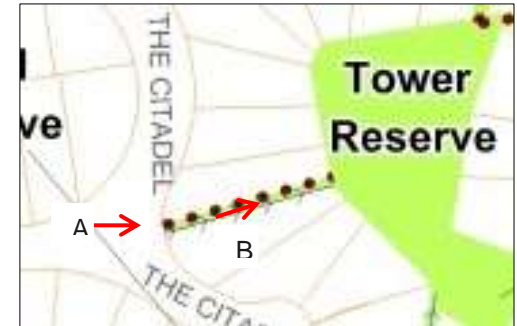
Adjoining residents and Council.

### Role / significance

Provides an important link in the recreational walkway system.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish any path edge plantings with local native species as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B

## P-16 - Between 198 and 200 Edinburgh Road - public road access to Tower Reserve

### System

Lane access to Tower Reserve and pathway P-17 and The Bulwark from Edinburgh Road.

### Description

Width 4.57m and variable. Off Edinburgh Road, front garden plantings merge with lane; thereafter the lane is bounded by masonry walls, fences with vegetation flowing over the top and part of *Castle Rock*. As a designated road, it provides access to the properties on the eastern side of the reserve facing 33-41 The Bulwark. These properties have access to the build-able area of the block which, with the exception of 33 The Bulwark, were not used for access because of differences in level. Until 1995, this lane gave access to the well-used steps across the corner of 198 Edinburgh Road to the *Castle Rock* outcrop, now cut off by the fence of 198.

### Accessibility

Accessible - asphalt road.

### Maintenance

Council.

### Role / significance

Important access to *Castle Rock* and Tower Reserve which provides outstanding views of the peninsula. Provides an important link in the recreational walkway system.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor.



## P-17 - Between 33 and 31 The Bulwark - access from The Bulwark to Tower Reserve

### System

Provides connection to Tower Reserve and Edinburgh Road from The Bulwark.

### Description

Width 5.18m and variable. Signposted at The Bulwark, the pathway is asphalt and appears to be part of the driveway at 31 The Bulwark. This slopes up approximately 20m with a combination of surfaces including brick and asphalt and sandstone steps and winds around up to the front of 33 The Bulwark. The steps are cut into the rock, with a 3m sandstone wall in one section. At the top of the steps the ground is largely exposed soil. Part of the pathway is used as a car park. From here it becomes a ramp of asphalt, brick and concrete, with steps in the centre. This section is bounded by fences up to 3m high on the Edinburgh Road side and buildings and gardens on The Bulwark side. The pathway is lined with a mix of native and exotic shrubs and perennials. There is a galvanised metal handrail located on the upper steep sloping asphalt driveway. The sandstone steps are in good condition with small sections repaired with concrete.

### Accessibility

Easily accessible.

### Maintenance

Maintained by residents and Council.

### Role / significance

Provides an important link in the recreational walkway system from the top to the base of the sandstone escarpment.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish any path edge plantings with local native species as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B



C

## P-18 - Rear 15-17 The Citadel and rear 6 The Bartizan - access linking Tower, Buttress and Oriel Reserves

### System

Drainage reserve linking Tower, Buttress and Oriel Reserves.

### Description

Width 3.05m. This reserve is across steep terrain covered with a mix of native and exotic vegetation. It once provided access to Buttress Reserve which is inaccessible at present due to the steep terrain. It adjoins 15 The Citadel (Fishwick House). The absence of fences makes it difficult to locate this reserve. Used for electricity supply cables. Boundary markers have been placed in past.

### Accessibility

Access severely reduced by vegetation and terrain.

### Maintenance

Residents and Council. Occasional work to remove weeds is done by Oriel Bushcare group.

### Role / significance

Access linking three reserves which form a system of significant rocky outcrops.

### Management policy

Options for access from Oriel Reserve to Buttress and Tower Reserves are very difficult and not essential. Continue ongoing maintenance and weed removal especially of Fishbone fern by Council.



A



B



C

## P-19 - Between 17 and 19 The Citadel - access to Oriel Reserve and The Bartizan

### System

Drainage reserve. A pathway connecting The Citadel to Oriel Reserve as well as The Bartizan and Gargoyle Reserve.

### Description

Width 3.05m, Concrete stairs and ramp to Oriel Reserve. From The Citadel the first two thirds of the pathway are stairs which becomes a sloping path. The path is approximately 1.5 m wide. The fence to 19 The Citadel is 1.7m high timber palings with a vine crawling over the top (formerly a lower fence) allowing a view. On the eastern side the path is lined with mostly exotics with few natives. Well maintained. Provides an important link in the recreational walkway system giving access from the lower roads to Edinburgh Road.

### Accessibility

Easily accessible.

### Maintenance

Residents and Council.

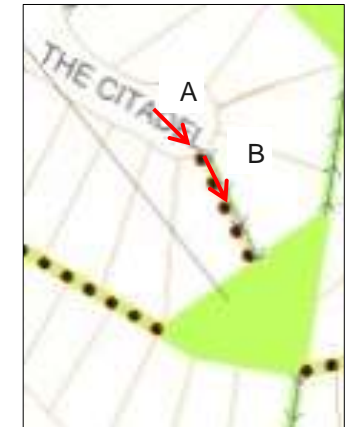
### Role / significance

A major pedestrian pathway that also serves for drainage.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish any path edge plantings with local native species as required. (see GRCPOM Part One Appendix - Castlecrag Plant List). Ensure drainage runoff does not occur on path.

Encourage Owners to be aware in future that a lower more transparent fence is desirable.



A



B

## P-20 - Between 2 and 50 The Bartizan and behind 51- 63 The Bulwark - access to Oriel Reserve and The Citadel

### System

Connects The Bartizan to Oriel Reserve and to P-19 through to The Citadel.

### Description

Width 3.66 and variable. Concrete path approximately 1.2m wide. From The Bartizan some concrete stairs with a rail (which also provide access to 2 The Bartizan) leads to a concrete path. On The Bulwark side, the path is bounded by fences, some of which allow views of the rear gardens. The boundary with 2 The Bartizan is mostly bushland with rocks. The pathway has been designed to skirt around the large rocky outcrop which dominates the rear of 2 The Bartizan and which is also in Oriel Reserve.

### Accessibility

Accessible - concrete steps and path and bush track.

### Maintenance

Council and occasionally by residents.

### Role / significance

A major pedestrian pathway whose route and character demonstrate the Griffin concepts of estate design to preserve and appreciate natural landscape features.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish any path edge plantings with local native species as required e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri*. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B

## P-21 - Between 63 and 65 The Bulwark - access to Oriel Reserve

### **System**

Drainage reserve. Part of the drainage system and access to Oriel reserve.

### **Description**

Width 3.05m. There is a steep rock outcrop at the approach from The Bulwark planted with blocking shrubs with the result that the reserve itself is inaccessible except via the adjoining properties. Access can be gained at the Oriel Reserve end of the drainage reserve.

### **Accessibility**

Access is made difficult due to vegetation and difficult terrain.

### **Maintenance**

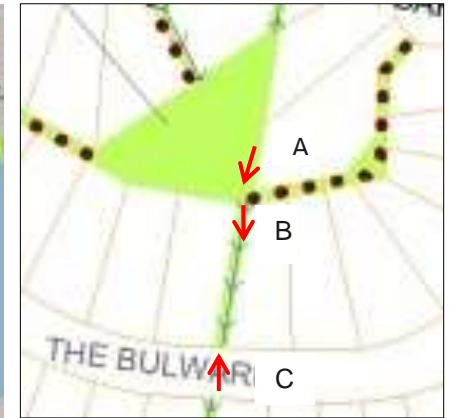
Adjoining owner and Council.

### **Role / significance**

Part of the drainage system through reserves.

### **Management policy**

Continue ongoing maintenance and weed removal by Council to facilitate appropriate drainage.



A



B



C



## P-22 - Behind 206-224 Edinburgh Road and behind 15-31 The Bulwark - access beside escarpment parallel to Edinburgh Road

### System

Protects the rock edge and once provided access for appreciation.

### Description

Width 3.66 and variable. Reserve along the rear of Edinburgh Road properties with a small re-alignment behind 216 Edinburgh Road. Roughly parallel with the rock ledge which merges into the back yards of Edinburgh Road properties. At the western end, the sandstone escarpment is visible from the top of steps from The Bulwark to Tower Reserve. Vegetation along reserve blocks access to the rock ledge and below. Reserve has been absorbed into some gardens at rear of properties along Edinburgh Road. At the eastern end, rear 224 Edinburgh Road and 15 The Bulwark, access is blocked by vegetation and by Council constructed hand rail. Boundaries defined on some properties.

### Accessibility

Access severely restricted by terrain and vegetation.

### Maintenance

Adjoining owners.

### Role / significance

Reserve designed to protect and appreciate a major rock feature.

### Management policy

Maintain. Protect the escarpment formation by restricting development above and below it. Not needed to improve pedestrian network but escarpment edge and floor need to be protected. Fences should be limited to property boundaries and not encroach on reserve. Encroachments to be monitored by Council.



A



B

## P-23 - Between 222 and 224 Edinburgh Road - access link between Edinburgh Road and The Bulwark

### System

Sandstone escarpment pass. Part of system providing access from the crest of ridge to the foreshore at the eastern side of the estates. The location of this pathway has been chosen to coincide with the natural rock pass.

### Description

Width 3.66m and variable to accommodate rock out crop. At Edinburgh Road the signposted pathway is mown grass (which merges with adjoining garden). It leads to a flight of concrete steps to the base of the pathway, through a natural break in the rock formation where the reserve widens to accommodate the rock boulders. The pathway has a handrail running its entire length.

### Accessibility

Accessible.

### Maintenance

Council and adjoining owners.

### Role / significance

Evidence of key concepts - protecting and appreciating natural features and providing access from the ridge to the foreshore.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps.



A



B

## P-24 - Rear 224-228 Edinburgh Road and rear 9, 11, 11A The Bulwark - access link between Edinburgh Road and The Bulwark

### **System**

Link to the system providing access from the ridge (Edinburgh Road) to the foreshore. If the adjoining land had been fully acquired and re-subdivided by Griffin, this pathway would have continued in easterly direction.

### **Description**

Width 3.66m. A short pathway with some use by immediate neighbours only. Vegetation restricts access.

### **Accessibility**

Access restricted by vegetation.

### **Maintenance**

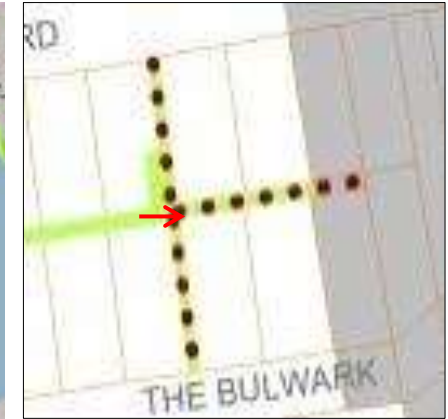
Adjoining owners

### **Role / significance**

A link to the eastern access system.

### **Management policy**

Ongoing maintenance conducted by Council and adjoining owners. Fences should be limited to property boundaries and not encroach on reserve.



## P-25 - Between 11A and 15 The Bulwark - access link between Edinburgh Road and The Bulwark

### System

Pedestrian access from The Bulwark to Edinburgh Road and where desired access has been from Edinburgh Road to The Scarp.

### Description

Width 3.66m. A Council constructed concrete drain, 1.5m wide, runs along the middle of the reserve. A set of concrete steps and a concrete path with rails at both ends makes a safe access way. Adjoining gardens meet the edge of the concrete steps and path.

### Accessibility

Accessible and well sign posted.

### Maintenance

Council and adjoining owners.

### Role / significance

Part of the eastern access system from the ridgetop to the foreshore.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps.



A



B

## P-26 - Between 34 The Bulwark and 18 The Scarp - desired access link connecting The Bulwark and The Scarp

### System

Desired part of the eastern pathway system providing access from the ridgetop (Edinburgh Road) to the foreshore and to streets and properties in between.

### Description

Width 3.66m. Steep inaccessible land with adjoining properties unfenced. No formal path exists and major construction is required beside the stormwater pit/sewer, if path to be made accessible. Adjoining owners do not think the access desirable or viable. They would like the pathway closed as it encourages people to use the existing steps and pathways on private property, with consequent invasion of privacy and legal risks. Adjoining owners of 34 The Bulwark report that the pathway was only used as a drainage line. Adjoining owners at 18 The Scarp have gardened part of the space.

### Accessibility

Accessibility restricted by terrain and vegetation.

### Maintenance

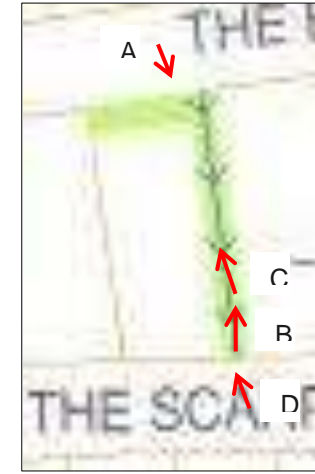
Adjoining owners.

### Role / significance

Pathway is considered an important component of eastern access from the crest on Edinburgh Road to the foreshore.

### Management policy

Maintained by adjoining owners.



D



C



A



R

## P-27 - Between 40 and 42 The Bulwark - access to The Bailey playground and rear of 44 The Bulwark and 6-10 The Scarp

### System

Access from rear of The Scarp and The Bulwark properties to The Bailey park and to the pathway P-17 leading to the Tower reserve.

### Description

Width 3.66m. Concrete shared driveway between 40 and 42 The Bulwark, becoming a grassed pathway lined with vegetation. This section of pathway has been worn away by car wheel tracks through use as a driveway by owners at 6 The Scarp. Serves as pedestrian access by local adjoining residents. An example of a local pedestrian pathway although the use of vehicles on grassed surfaces is resulting in erosion problems.

### Accessibility

Accessible through The Bailey park and driveway.

### Maintenance

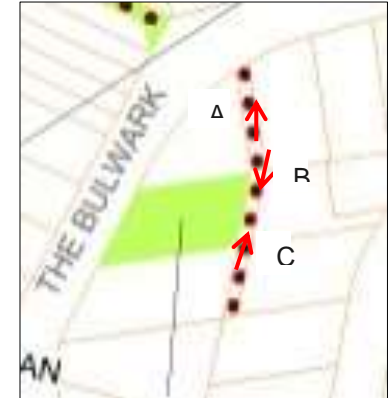
Maintained by Council.

### Role / significance

Access to the pathway system and The Bailey park.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path. Monitor drainage.



A

C

B

## P-28 - Between 5 and 7 The Scarp - access to Castlehaven Reserve

### System

Pedestrian access from The Scarp to Castlehaven Reserve and the foreshore.

### Description

Width 3.66m. A short flight of stone steps (adjacent to the retaining wall constructed to provide pedestrian access to 7 The Scarp) covers the steep terrain immediately adjoining the roadway to more level land. Pathway provides a connection to track access to the foreshore of Castlehaven Reserve and the track which traverses the length of the reserve.

### Accessibility

Accessible steps and path and sign posted.

### Maintenance

Council.

### Role / significance

Provides an important access to the foreshore reserves and waterfront.

### Management policy

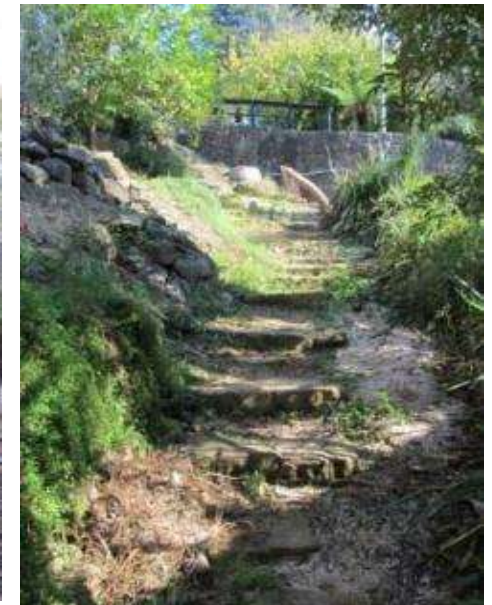
Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps including steps to foreshore. Maintain path surfaces. Replenish any path edge plantings with local native species as required e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri*. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B



C

## P-29 - Between 3 and 5 The Barricade - access to Castlehaven Reserve

### System

Pedestrian access from The Barricade to Castlehaven Reserve and the foreshore.

### Description

Width 3.66m. The section of the pathway nearest The Barricade appears as part of the driveway of adjoining owner (5 The Barricade); beyond the driveway area, the pathway is part mown grass, part hybrid native plantings at the rear of 52 and 54 The Bulwark. A set of well-made stone steps at the rear of 54 The Bulwark leads from the grassed portion. This is the designated pathway from The Bulwark and The Scarp to the foreshore providing a link to the Haven Amphitheatre from Rockley Street and Sailors Bay Park parking area. Path is along a sewer line and a stormwater drain and carries surface water from The Barricade.

### Accessibility

Accessible via shared driveway to stairs and onto bushland track through Castlehaven Reserve. Well signposted.

### Maintenance

Adjoining owners and Council.

### Role / significance

Provides an important access to the foreshore reserves and waterfront.

### Management policy

Continue ongoing maintenance and weed removal by Council. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces. Replenish any path edge plantings with local native species as required e.g. *Dianella caerulea*, *Calochlaena dubia*, *Hypolepis muelleri*. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B



## P-30 - Between 66 and 68 The Bulwark – drainage reserve to Retreat and Castlehaven Reserves

### System

Drainage reserve to Retreat and Castlehaven Reserves. Continuation of the downslope drainage reserve from Oriel Reserve.

### Description

Width 3.05m. Property boundaries are not fenced. There is a steep drop in land adjoining The Bulwark down to the lower section of the reserve which has an easier slope to traverse. There is a steep set of concrete stairs which start on the Council nature strip and finish on the neighbouring property 66 The Bulwark. The steps enable access to the lower level of the drainage reserve, though this is not public access. A rough track on the drainage reserve leads to Retreat Reserve. In the past these steps may have been used as dual access for the purpose of private and public use, however this is no longer used as an access to Retreat Reserve. This reserve drains first to the edge of the Retreat Reserve and then to the creek bed of the Castlehaven Reserve. Overhead power lines run above the reserve.

### Accessibility

Accessible – stairs on Council nature strip which finish within boundary of 66 The Bulwark.

### Maintenance

Maintenance by residents and Council.

### Role / significance

One of the drainage reserves once planned to give access to the foreshore however this is no longer used as access to the foreshore reserves.

### Management policy

Continue ongoing maintenance and weed removal by Council and adjoining residents. Ensure adjoining residents do not encroach onto reserve and vegetation does not block reserve.



A



B

## P-31 - Between 80 and 82 The Bulwark

### System

Drainage reserve (natural watercourse). Accommodates the creek that leads from Gargoyle Reserve to Retreat and Castlehaven Reserves. A pair which includes the reserve between 86 and 88 The Bulwark.

### Description

Irregular shaped area that accommodates the natural line and form of the creek. The concrete footpath across creek has a timber arris handrail. The vegetation contains some indigenous species and links with Retreat Reserve where the vegetation is mostly indigenous. This reserve and the reserve between 86 and 88 The Bulwark were shown on the original plans as narrow, but were expanded to become fan-shaped areas. This has allowed the natural character to be retained without making the creek into an enclosed drain.

### Accessibility

Not easily accessible - no obvious path. Access can be gained through adjoining properties with their permission.

### Maintenance

Occasional works by Council and volunteer bushcare group maintain the lower end of drainage reserve.

### Role / significance

An example of Griffins design to accommodate the natural drainage pattern and character.

### Management Policy

Ongoing maintenance by Council contractors where possible with weed and rubbish removal along creek bed, monitor stability of creek bed and possible need for erosion control. Repair dropped rail and repaint arris rail fence on footpath on The Bulwark.



## P-32 - Between 86 and 88 The Bulwark

### System

Drainage reserve (natural watercourse). Accommodates the creek that leads from Embrasure Reserve to Retreat and Castlehaven Reserves. A pair of drainage reserves which includes the reserve between 80 and 82 The Bulwark.

### Description

Irregular shaped area that accommodates the natural form of the creek. A timber bridge with original sandstone culvert bridges across a natural creek. The bridge has drystone abutments. The vegetation on both banks is a mixture of natives and exotics. This reserve and the reserve between 80 and 82 The Bulwark were shown on the original plans as narrow, but were expanded to become fan shaped areas, which has allowed the natural character to be retained without making the creek into an enclosed drain. There is potential access to the Retreat Reserve which would allow people to see the stone bridge which has had major structural repairs 2012/2013.

### Accessibility

Not easily accessible - no obvious path. Access can be gained through adjoining properties with their permission.

### Maintenance

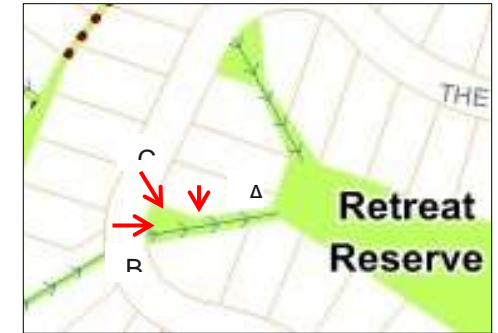
Occasional work by Council and residents.

### Role / significance

Designed to allow the natural drainage pattern with sandstone culvert of heritage significance using local sandstone.

### Management Policy

Ongoing maintenance by Council contractors where possible, with weed and rubbish removal along creek bed, monitor stability of creek bed and possible need for erosion control.



A



B



C

## P-33 - Between 100 and 102/104 The Bulwark

### System

Drainage reserve (possible access to Castlehaven and Retreat Reserves). One of the reserves that could enable access to the foreshore.

### Description

Width 3.05m. Off The Bulwark, the reserve descends steeply and is covered with vegetation, mostly weeds which restricts access. There are no side boundary fences. The end of the reserve meets a narrow tongue of Castlehaven Reserve initially designed as a pathway link to the foreshore reserve. The battle-axe entrance to 102 The Bulwark is under construction (when photos taken) for use as a driveway and provides an opportunity to create a maintenance access along reserve once these works are complete.

### Accessibility

Access restricted by vegetation on The Bulwark and very steep slope.

### Maintenance

Maintained by Council

### Role / significance

A drainage reserve designed to connect with Castlehaven Reserve and to provide access from properties in The Bulwark to the foreshore.

### Management policy

Remove weeds and ornamentals. Council to survey reserve boundary and define with permanent markers.



B



A

## P-34 – Between 2 The Barbette and 14 Rockley Street - access to Watergate Reserve

### System

This was planned to be access to the pathway that was planned between The Barbette properties fronting The Palisade and hence to the foreshore. The extension of The Palisade along the foreshore was never constructed and is now Watergate Reserve/Warners Park.

### Description

Width 3.05m. Level land for most of its length to the rock ledge, then sandstone steps have been installed to improve access to lower section. This is at the edge of the Castlecrag Estate and alongside the Griffin-designed house at 2 The Barbette alongside the battle-axe driveway entrance to 14 Rockley Street. The cleared area behind 2-6 The Barbette (part private/part public land) was a regular play space for neighbourhood children who got access through private properties or the designated pathway. The garden of 2 The Barbette has been expanded over the pathway area and now appears to be part of that property. Access to the stairs is only now via the battle-axe driveway entrance to 14 Rockley Street. Clearing to create access from Rockley Street to adjoining reserve is of low priority due to other available access from The Barbette to Watergate Reserve and Sailors Bay Park and to protect the privacy of the adjoining residents.

### Accessibility

Accessible - no obvious path and partly restricted by vegetation.

### Maintenance

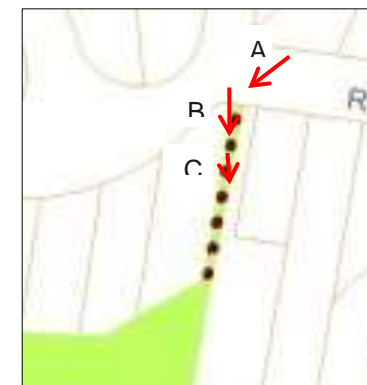
Maintained by adjoining owners.

### Role / significance

One of the pathways once designed to give access to the pedestrian network and the foreshore.

### Management policy

Consider access, via a bushland path. Discuss with adjoining owners.



A



B



C

## P-35 - Between 9 and 18 The Barbette - access to Castlehaven and Watergate Reserves

### System

Pathway and drainage reserve. Provides access between The Barbette and Casement Reserve and The Redoubt. and to Watergate Reserve.

### Description

Width 3.05m. Narrow but accessible path with garden plants from adjoining properties tending to overhang onto the path. Significant works, including access and drainage issues, have been addressed with sandstone stairs that wrap around the rear boundary of 9 The Barbette. The path leads up to The Redoubt, along the edge of Casement Reserve, and forms the main entrance to the eastern end of Watergate Reserve.

### Accessibility

Accessible and well sign posted.

### Maintenance

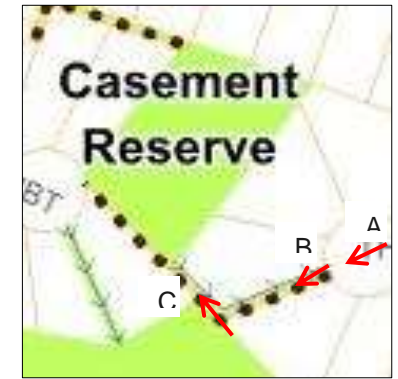
Council and occasionally residents.

### Role / significance

One of the pathways that provides access through the estate to the village shops and also to Casement and Watergate reserves.

### Management policy

Continue ongoing maintenance and weed removal by Council contractor. Remove overhanging vegetation and debris along path especially from steps. Maintain path surfaces due to constant water flow. Replenish path edge plantings with local native species as required. (see GRCPOM Part One Appendix - Castlecrag Plant List).



A



B



C 38

## P-36 - Between 7 and 9 The Redoubt – drainage reserve to Watergate Reserve

### System

Drainage reserve.

### Description

Width 3.05m. From The Redoubt, the reserve is part concrete path with kerbs, with plantings on both sides, probably dating from the 1950s. It appears as an established pathway that is currently used as a storage area for rubbish bins by adjoining properties. About halfway along is an inspection pit, then a steep drop that prevents access to Watergate Reserve. There are stone steps near the end of the path, which may be on adjoining property 9 The Redoubt and no longer used. It may have been in active use before the construction of the inspection pit. Access has been considered here, e.g. steps around or in front of the inspection pit, but impact to the environment was considered too great. Instead the track system via Casement Reserve was improved, providing the needed link from The Redoubt to Watergate Reserve. P-36 has been given priority to be used as a drainage reserve.

### Accessibility

Accessible for half its length, then restricted by inspection pit.

### Maintenance

Maintained by residents.

### Role / significance

Drainage reserve to Watergate Reserve.

### Management policy

Maintain. Control and remove weeds where possible.



A



B

## P-37 - Between 8 and 10 The Rampart – drainage reserve to Watergate Reserve

### System

Drainage reserve.

### Description

Width 3.05m. At The Rampart access is restricted by dense vegetation that merges with the adjoining properties. Access to the reserve is via adjoining property's drive due to dense exotic plantings on the verge. Garden encroachment from 10 The Rampart is evident in several places along the reserve with the bottom of the reserve used by residents on both sides with compost heap restricting access to the reserve. Most plants are exotics with minor remnant indigenous vegetation on lower level.

### Accessibility

Accessibility restricted by vegetation.

### Maintenance

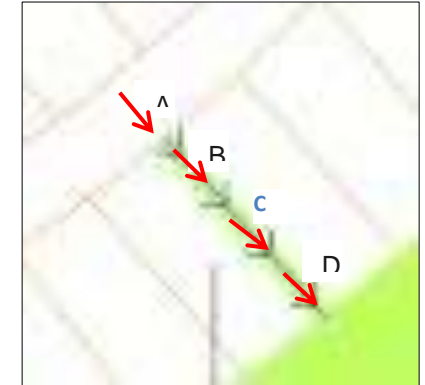
Adjoining owners.

### Role / significance

Drainage reserve to Watergate Reserve.

### Management policy

Ongoing maintenance conducted by residents and Council to remove weeds and rubbish from reserve. Monitor encroachment with boundary planting at 10 The Rampart and ensure access is maintained on lower side adjoining Watergate Reserve.



A



D



C



B



## P-38 - Between 24 and 26 The Rampart – drainage reserve to Watergate Reserve

### System

Drainage reserve.

### Description

Width 3.05m. There is an inspection pit set in the roadside verge. At the boundary there is an arris rail fence to prevent access as the land drops steeply. Vegetation also restricts access and views. Access can be made from adjoining properties with permission. There is an open drain (similar to others in Castlecrag) that is a mix of carved remnant sandstone and concrete down the middle of reserve. Vegetation from the adjoining properties flanks the drain and is well maintained by residents. Southern end of the reserve is steep with water course dropping into Watergate Reserve affording views over to Northbridge.

### Accessibility

Accessibility restricted by drain, terrain and vegetation. Access through 24 The Rampart.

### Maintenance

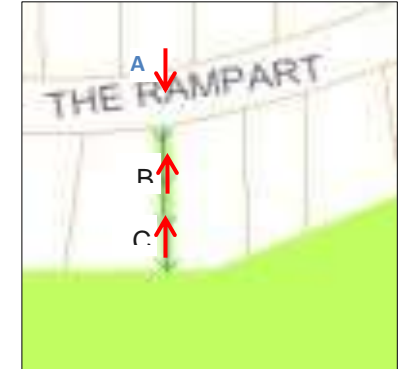
Maintained by adjoining owners and Council.

### Role / significance

Drainage reserve to the Watergate Reserve.

### Management policy

Ongoing maintenance conducted by residents and Council to remove weeds and rubbish from reserve.



A



B



C

## P-39 - Between 13 The Outpost and 3 The Palisade – drainage reserve to Watergate Reserve and The Rampart

### **System**

Drainage reserve from The Outpost and the Palisade.

### **Description**

Width 3.05m. Mown grass and shrubs with no fences. Adjoining owners have designed their gardens to include this area. These gardens also extend into Watergate Reserve. A rocky outcrop and drop to road level prevent easy access from The Outpost. Warners Park extends on either side of these properties. Access can be gained from The Outpost and The Palisade to the reserve in other locations, such as the eastern side of 3 The Palisade, which links with the bushland track through the foreshore reserve of Watergate.

### **Accessibility**

Accessible but has no obvious path.

### **Maintenance**

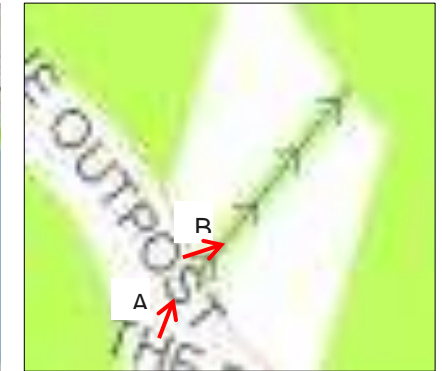
Maintained by adjoining owners.

### **Role / significance**

Part of the original drainage/pathway system.

### **Management policy**

Maintain. Discuss with adjoining owners. Ensure that access is not blocked by fences and that there are no encroachments so that possible access is maintained.



A



B

## P-40 - Between 12 The Postern and 48 The Rampart – access to Community Centre and Kindergarten.

### System

Lane. Pedestrian and vehicular access to the Community Centre, Kindergarten, Library and associated car park.

### Description

Width 6.1 m. Bitumen road with kerbs. Narrow planting beds on both sides with some natives, including trees overhanging from adjoining properties. The lane gives access to the Community Centre, which also operates as a kindergarten, which adjoins the northern part of Warners Park. However access is restricted as a safety measure for the kindergarten.

### Accessibility

Accessible - laneway.

### Maintenance

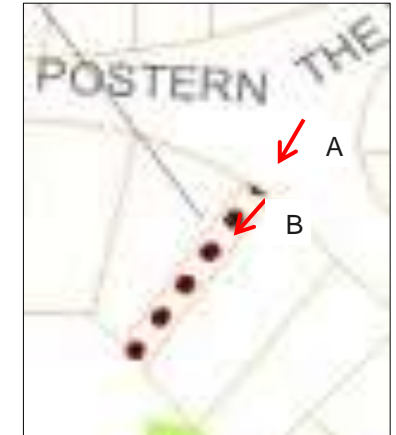
Council and residents.

### Role / significance

A lane which demonstrates the concept of minimising the visual impact of roads on landscape.

### Management policy

Ongoing maintenance conducted by residents and Council to remove weeds and rubbish from reserve and overhanging vegetation onto road and kerbside.



A



B