



**Title of Proposal** - The Canberra Brickworks Precinct, Blocks 1, 7, and 20 Section 102, Yarralumla, ACT

## Section 1 - Summary of your proposed action

Provide a summary of your proposed action, including any consultations undertaken.

### 1.1 Project Industry Type

Residential Development

### 1.2 Provide a detailed description of the proposed action, including all proposed activities.

The proposed action is the urban development of the Canberra Brickworks Precinct (CBP) at Yarralumla in central Canberra. The proposed action will include a maximum of 380 residential dwellings, surrounding re-purposed Canberra Brickworks buildings and recreational parkland. The re-purposed heritage buildings will include limited retail and commercial space including cafes, industrial crafts, and interpretive features focused on the history of the Canberra Brickworks.

The Canberra Brickworks is of heritage significance within the Australian Capital Territory (ACT), as one of three examples of industrial heritage in Canberra. The proposed action would see the majority of the 'core' and 'supporting' heritage elements and the essential industrial characteristics of the site retained, conserved, and sensitively re-used. This includes the Railway remnants, which are also recognised on the ACT Heritage Register.

Given the heritage value of the site, the residential development will be low density, with a focus on maintaining the urban parkland that fits in with the existing landscape and surrounding urban areas. The re-purposed Canberra Brickworks buildings will also include auxiliary facilities for residents, such as a gymnasium, swimming pools and gardens. The Master Plan for the development is attached.

The former quarry area will be used as urban parkland that is sensitive to the geological heritage values of the quarry, while allowing a recreational space that is linked to existing and proposed walking and cycle paths. The CBP encourages community access to the recreational parkland and play area with a focus on active travel options.

Associated with this proposed action is the construction of an access road, to the south of the CBP. This construction is not included as part of this Referral, as it is included in a separate Referral submitted by the ACT Government.

### 1.3 What is the extent and location of your proposed action? Use the polygon tool on the map below to mark the location of your proposed action.

Area

Point

Latitude

Longitude



Area	Point	Latitude	Longitude
Canberra Brickworks	1	-35.311407164046	149.09157359269
Canberra Brickworks	2	-35.311407164046	149.09157359269
Canberra Brickworks	3	-35.311407164046	149.09157359269
Canberra Brickworks Precinct	1	-35.306633756936	149.0925601121
Canberra Brickworks Precinct	2	-35.307566758303	149.09379057548
Canberra Brickworks Precinct	3	-35.308822599458	149.09356929324
Canberra Brickworks Precinct	4	-35.30895940015	149.09308984838
Canberra Brickworks Precinct	5	-35.309501128615	149.09304961524
Canberra Brickworks Precinct	6	-35.30951480858	149.0924125906
Canberra Brickworks Precinct	7	-35.309845863022	149.09239247403
Canberra Brickworks Precinct	8	-35.310031909552	149.09267075322
Canberra Brickworks Precinct	9	-35.310338338198	149.0924125906
Canberra Brickworks Precinct	10	-35.310661181409	149.09276798329
Canberra Brickworks Precinct	11	-35.311254881238	149.09218460283
Canberra Brickworks Precinct	12	-35.311142707872	149.09066915474
Canberra Brickworks Precinct	13	-35.311290448371	149.09030705652
Canberra Brickworks Precinct	14	-35.310819866583	149.08981755338
Canberra Brickworks Precinct	15	-35.31025625921	149.08920735083
Canberra Brickworks Precinct	16	-35.309813031237	149.08876478634
Canberra Brickworks Precinct	17	-35.30920564081	149.08842951021
Canberra Brickworks Precinct	18	-35.30854352533	149.08855020962
Canberra Brickworks Precinct	19	-35.307908764905	149.08892571888
Canberra Brickworks Precinct	20	-35.307399858554	149.08942192755
Canberra Brickworks Precinct	21	-35.307525717412	149.09010589085



Area	Point	Latitude	Longitude
Canberra Brickworks Precinct	22	-35.307427219192	149.09019976816
Canberra Brickworks Precinct	23	-35.307514773171	149.09135982356
Canberra Brickworks Precinct	24	-35.307202861688	149.09198343716
Canberra Brickworks Precinct	25	-35.306929254133	149.0919968482
Canberra Brickworks Precinct	26	-35.306945670612	149.09232541881
Canberra Brickworks Precinct	27	-35.306628284754	149.09256681762
Canberra Brickworks Precinct	28	-35.306628284754	149.09256681762
Canberra Brickworks Precinct	29	-35.306633756936	149.0925601121

**1.5 Provide a brief physical description of the property on which the proposed action will take place and the location of the proposed action (e.g. proximity to major towns, or for off-shore actions, shortest distance to mainland).**

The CBP is located in south-west Yarralumla, Canberra. It is surrounded by residential development to the north and east; open landscape to the south; and a landscape buffer to the Royal Canberra Golf Club to the west.

The site contains the former Canberra Brickworks, associated quarry, and railway remnants; open grassland occurs to the south, with planted landscape trees located throughout the quarry area and along the site boundaries. A small recycled timber furniture store currently operates from the Canberra Brickworks buildings otherwise public access is generally limited by fences that surround the property.

The CBP has a history of disturbance, predominantly associated with its 60 year history operating as a brickworks that sourced materials from a quarry on-site. There are no permanent watercourses in the site; however surface flows generally discharge into Lake Burley Griffin/Molonglo River and into the Murrumbidgee River.

The CBP is approximately seven kilometres from the Canberra Central Business District and two kilometres south of Lake Burley Griffin. It is adjacent to Government House (the official residence of the Governor-General of Australia).

Access to the CBP is currently limited to Denman Street, Yarralumla. It is proposed to construct



a secondary access road into the south of the CBP from Dudley Street. Access from Dudley Street is subject to a separate proposal being prepared and Referred concurrently by the ACT Government.

**1.6 What is the size of the proposed action area development footprint (or work area) including disturbance footprint and avoidance footprint (if relevant)?**

16.09 hectares

**1.7 Is the proposed action a street address or lot?**

Lot

**1.7.2 Describe the lot number and title.** Blocks 1, 7, and 20; Section 102 Yarralumla, ACT.

**1.8 Primary Jurisdiction.**

Australian Capital Territory

**1.9 Has the person proposing to take the action received any Australian Government grant funding to undertake this project?**

No

**1.10 Is the proposed action subject to local government planning approval?**

Yes

**1.10.1 Is there a local government area and council contact for the proposal?**

Yes

**1.10.1.0 Council contact officer details**

**1.10.1.1 Name of relevant council contact officer.**

Tegan Liston

**1.10.1.2 E-mail**

Tegan.Liston@act.gov.au

**1.10.1.3 Telephone Number**

(02) 6205 9649



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### **1.11 Provide an estimated start and estimated end date for the proposed action.**

Start date 06/2018

End date 12/2023

### **1.12 Provide details of the context, planning framework and State and/or Local government requirements.**

The CBP encompasses Blocks 1, 7, and 20 Section 102, Yarralumla, ACT. As Territory Land any proposed development will require approval from the ACT Government Environment, Planning and Sustainable Development Directorate (EPSDD) in accordance with the *Planning and Development Act 2007* (ACT) (PD Act).

The proposed action triggers the need for an Environmental Impact Statement (EIS) under the PD Act as a result of potential impacts to protected species, potential impacts to ACT listed heritage matters, and as the CBP is included on the register of contaminated sites. The ACT EIS process under the PD Act has been accredited by the Commonwealth, in accordance with the bilateral agreement between the Australian and ACT Governments.

As an EIS is required under the PD Act and it can be assessed using an accredited assessment process, it is requested that the proposed action be assessed using this process. The EIS will include additional information as identified in this Referral, such that the Minister for the Environment has sufficient information to make a decision under the EPBC Act.

### **1.13 Describe any public consultation that has been, is being or will be undertaken, including with Indigenous stakeholders.**

The CBP has been the subject of public interest for many years, and public consultation has been extensive and continues to occur. A Community Engagement Plan (Elton, 2017) (attached) has been prepared, and is continually being refined throughout the design stages. The consultation history (as summarised below), has provided Doma Group with a strong understanding of the general aspirations of the site and have assisted the development of the Master Plan.

The ACT Government, through the then Land Development Agency (LDA), began consultation in 2010. The following key themes for any potential future development of the CBP were identified (Elton, 2017):

- heritage conservation and preservation;
- development is appropriate for the location and surrounding landscape and uses;
- access and connectivity is maintained;
- preservation and maintenance of open space; and



- amenity and vibrancy.

In 2015, the LDA established a Community Panel to build on the key themes above to develop a list of objectives to guide the future development of the CBP. The Community Panel has played a key role in the tender phase of this Project and continues to be a key participant in the consultation process. The objectives raised by the Community Panel include the following (Elton, 2017):

- maintenance/enhancement of the unique heritage of the CBP;
- result in a quality development that showcases the heritage buildings;
- Pittman (Quarry) Park is readily accessible;
- maintain pedestrian/cycle networks;
- ensure minimal disruption to existing land users, especially residents;
- consider local environmental issues; and
- have a sustainable built form.

The latest Community Engagement Plan includes the following key elements:

- regular project updates to all stakeholders;
- broader updates provided through the website and social media;
- utilisation of existing marketing channels that were established by the LDA;
- alignment of communication with project program milestones;
- utilisation of a range of tools, including one-on-one meetings, monthly meetings with the Community Panel, email updates, website maintenance, public presentations and 'pop-up' information stalls, collection of 'memories' for the museum, and a quarry party following completion of Stage 1.

The first phase of the engagement milestones has been completed. The next phases will align with Project milestones, as detailed in the Community Engagement Plan.

Indigenous stakeholders identified as Representative Aboriginal Organisations (RAOs) were consulted via email and telephone as part of the Aboriginal Cultural Heritage Assessment (Navin Officer, 2014) in July and August 2014. A representative on one RAO (Buru Ngunnawal) attended the field survey. The Aboriginal Cultural Heritage Assessment concluded that no known Indigenous heritage sites occur and there are no areas of archaeological potential. The Cultural Heritage Assessment has been approved by the ACT Heritage Council on 11 September 2014 (Lovell Chen, 2016).



**1.14 Describe any environmental impact assessments that have been or will be carried out under Commonwealth, State or Territory legislation including relevant impacts of the project.**

There have been no environmental impact assessments completed for the CBP. This will occur as part of the EIS preparation for the development, under the bilateral agreement.

Numerous ecological surveys have occurred across the site and surrounding areas (including the proposed new access road works area). In particular, Umwelt (2015) completed an ecological assessment of the CBP, targeting the identification of protected species and communities under the EPBC Act and Nature Conservation Act 2014 (ACT) (NC Act). Of note, a total of 0.9 hectares of golden sun moth (*Synemon plana*) habitat was identified, and later confirmed (Biosis, 2017) to occur within the CBP. The impacts to golden sun moth as a result of the proposed action will be formally assessed in the EIS.

In addition to ecological assessments, the following assessment have been prepared that will inform the EIS:

- Detailed Engineering Survey (Lech Steger, 2014);
- Site Investigation – Traffic, Transport and Car parking (AECOM, 2106);
- Tree Management Report (dsb Landscape Architects, 2015);
- Bushfire Risk Assessment Report (ABPP, 2016);
- Detailed Environmental and Geotechnical Site Investigations (SMEC, 2016a);
- Groundwater Investigations (SMEC 2016a and SMEC, 2016b)
- Contamination Investigations: Phase I, Phase II, Remediation Action Plans;
- Aboriginal Cultural Heritage Assessment (Navin Officer, 2014);
- Historic Archaeological Investigations (Lovell Chen, 2016);
- Conservation Management Plan (GML, 2017).

**1.15 Is this action part of a staged development (or a component of a larger project)?**

No

**1.16 Is the proposed action related to other actions or proposals in the region?**

Yes



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### **1.16.1 Identify the nature/scope and location of the related action (Including under the relevant legislation).**

The proposed action requires the construction of an access road in the south off Dudley Street. This will serve the proposed new residential development and assist with addressing concerns raised by local residents regarding the impact of the development on infrastructure and has been developed with consideration of traffic assessments.

The construction of the access road is included in a separate Referral that is being prepared concurrently. The ACT Government is the proponent for the access road construction as it is linked to other required road upgrades in the area, which are required regardless of the proposed urban development of the CBP.

Furthermore, by allowing the access road to be constructed separately from the CBP, it may be complete prior to the commencement of construction of the CBP. This will allow construction traffic access along the new road, thereby avoiding residential streets, namely Denman Street.

Public consultation, particularly with the local Yarralumla residents (as described in Section 1.13) included both proposed actions.





## Section 2 - Matters of National Environmental Significance

Describe the affected area and the likely impacts of the proposal, emphasising the relevant matters protected by the EPBC Act. Refer to relevant maps as appropriate. The [interactive map tool](#) can help determine whether matters of national environmental significance or other matters protected by the EPBC Act are likely to occur in your area of interest. Consideration of likely impacts should include both direct and indirect impacts.

Your assessment of likely impacts should consider whether a bioregional plan is relevant to your proposal. The following resources can assist you in your assessment of likely impacts:

- [Profiles of relevant species/communities](#) (where available), that will assist in the identification of whether there is likely to be a significant impact on them if the proposal proceeds;
- [Significant Impact Guidelines 1.1 – Matters of National Environmental Significance](#);
- [Significant Impact Guideline 1.2 – Actions on, or impacting upon, Commonwealth land and Actions by Commonwealth Agencies](#).

**2.1 Is the proposed action likely to have ANY direct or indirect impact on the values of any World Heritage properties?**

No

**2.2 Is the proposed action likely to have ANY direct or indirect impact on the values of any National Heritage places?**

No

**2.3 Is the proposed action likely to have ANY direct or indirect impact on the ecological character of a Ramsar wetland?**

No

**2.4 Is the proposed action likely to have ANY direct or indirect impact on the members of any listed species or any threatened ecological community, or their habitat?**

Yes

### 2.4.1 Impact table

Species	Impact
golden sun moth ( <i>Synemon plana</i> )	The proposed action is expected to impact all



Species	Impact
	0.9 hectares of golden sun moth habitat located within the CBP. A full assessment of this impact against the EPBC Significant Impact Guidelines 1.1 (DoE, 2013) will be a part of the EIS. However, this is considered a significant impact as the habitat is small and fragmented (i.e. less than ten hectares) and according to the golden sun moth significant impact guidelines (DEWHA, 2009), any habitat loss is considered significant in such areas.

**2.4.2 Do you consider this impact to be significant?**

Yes

**2.5 Is the proposed action likely to have ANY direct or indirect impact on the members of any listed migratory species, or their habitat?**

No

**2.6 Is the proposed action to be undertaken in a marine environment (outside Commonwealth marine areas)?**

No

**2.7 Is the proposed action to be taken on or near Commonwealth land?**

No

**2.8 Is the proposed action taking place in the Great Barrier Reef Marine Park?**

No

**2.9 Is the proposed action likely to have ANY direct or indirect impact on a water resource related to coal/gas/mining?**

No

**2.10 Is the proposed action a nuclear action?**

No

**2.11 Is the proposed action to be taken by the Commonwealth agency?**



No

**2.12 Is the proposed action to be undertaken in a Commonwealth Heritage Place Overseas?**

No

**2.13 Is the proposed action likely to have ANY direct or indirect impact on a water resource related to coal/gas/mining?**

No



## Section 3 - Description of the project area

Provide a description of the project area and the affected area, including information about the following features (where relevant to the project area and/or affected area, and to the extent not otherwise addressed in Section 2).

### 3.1 Describe the flora and fauna relevant to the project area.

The proposed action is located in an area that was formerly grazing land, prior to being the site of the Canberra Brickworks and associated quarry and railway. The CBP is surrounded by residential areas, and landscaped buffers to the Royal Canberra Golf Course, and Cotter Road, Dunrossil Drive, and Dudley Street.

Umwelt (2015) identified vegetation types within the CBP; however, all were highly modified and dominated by exotic species. The planted landscape trees (predominantly *Pinus* species) may provide opportunistic shelter for bird species, however they do not represent habitat for threatened bird species.

Small patches of exotic grassland near the entrance to the CBP are dominated by a weed of national significance: Chilean needlegrass (*Nassella neesiana*). This weed species is known to support golden sun moth, and has been confirmed as habitat for this critically endangered species (Biosis, 2017).

The areas of the quarry and historic landfill are highly modified and do not contain any natural features. The exotic composition of the vegetation provides limited opportunities for native species, and is unlikely to represent areas of importance.

### 3.2 Describe the hydrology relevant to the project area (including water flows).

Surface water flow has been significantly modified by the historic use of the site, especially relating to the quarry use and fill. There are no watercourse channels within the CBP. Surface water runoff from the site, drains to the north-east then via a drainage reserve through the Royal Canberra Golf Course into the Warrina Inlet of Lake Burley Griffin. The drainage reserve includes both piped infrastructure and overland flow path (SMEC, 2016a).

### 3.3 Describe the soil and vegetation characteristics relevant to the project area.

The site is on the Williamsdale soil landscape, which is characterised by undulating rises and local relief typically below ten percent in natural terrain. The majority of the CBP is comprised of natural silty clays, underlain by siltstone, sandstone, or Dacite bedrock. In locations which have been historically disturbed, the soils have been modified due to the typically hard-setting, erodible and potentially dispersive soil (SMEC, 2016a).



The CBP has been cleared of native vegetation and is dominated by highly modified dominated by exotic species (Umwelt, 2015). The area includes exotic pasture and landscape tree plantings including Algerian oak (*Quercus canariensis*) and *Pinus radiata* with numerous exotic trees and garden escapees. The exotic composition of the vegetation provides limited opportunities for native species.

### **3.4 Describe any outstanding natural features and/or any other important or unique values relevant to the project area.**

There are no known outstanding natural features within the CBP.

The CBP contains sites of historic heritage value, linked to the industrial history of the site. Heritage value is particularly linked to the quarry, railway remnants, and core buildings of the Canberra Brickworks. These heritage values have been incorporated into the proposed action design so they can continue to play a role in the Canberra community.

The geological features exposed by the quarry also demonstrate key characteristics of the Yarralumla Formation and CBP site; providing an understanding of the natural landscapes of the area. The quarry appears to be little altered since the closure of the brickworks (GML, 2017).

### **3.5 Describe the status of native vegetation relevant to the project area.**

Vegetation across the CBP has been heavily modified and is dominated by exotic species; including landscaping trees, garden escapees, and weeds. Areas near the site boundaries and in the quarry contain a planted overstorey – primarily *Pinus radiata*.

There are no areas of native vegetation present within the CBP. The vegetation within the CBP has no conservation significance.

### **3.6 Describe the gradient (or depth range if action is to be taken in a marine area) relevant to the project area.**

The topography of the CBP is variable and has been significantly modified by quarrying and landfill.

The CBP ranges in elevation from approximately 570 metres above sea level to 590 metres above sea level and general slopes to the west-north-west. A small portion of the CBP, towards Dudley Street, slopes to the south and south-west.

### **3.7 Describe the current condition of the environment relevant to the project area.**



The environment is highly disturbed within the CBP, primarily a result of the historic use of the site as a brickworks and associated quarry. All of the trees on site have been planted, and are primarily *Pinus* species.

### **3.8 Describe any Commonwealth Heritage Places or other places recognised as having heritage values relevant to the project area.**

There are no Commonwealth Heritage Places within the CBP.

The Canberra Brickworks and the Canberra Brickworks Railway Remnants are both listed on the ACT Heritage Register and are recognised as the first industrial manufacturing facility within the ACT. The Canberra Brickworks has provided the base materials used in the construction of many of the early buildings in Canberra, thereby playing a key role in the characterisation of early urban development. There are several elements within the Yarralumla Brickworks site that remain as evidence of this historic use.

The proposed action has considered the heritage value of the property, and retained many of these elements for re-purposing whilst celebrating the history of the site. It has been guided by a Conservation Management Plan, which is currently being updated by GML.

Details of these heritage values and the relationship with the proposed action will be discussed in greater detail in the EIS.

### **3.9 Describe any Indigenous heritage values relevant to the project area.**

There have been no sites of Indigenous heritage value recorded within the CBP, and the area does not contain locations of potential value (Navin Officer, 2014).

### **3.10 Describe the tenure of the action area (e.g. freehold, leasehold) relevant to the project area.**

The Project Area is currently unleased Territory Land.

### **3.11 Describe any existing or any proposed uses relevant to the project area.**

The land is currently CZ6 Leisure and Accommodation, with a small area of RZ1 Suburban in the north. The Canberra Brickworks buildings currently house a small recycled timber furniture retailer. The remainder of the land is unused.

The proposed action would result in low density housing, surrounding a re-purposed Canberra Brickworks that allows for small scale commercial and retail uses. The quarry will be used for recreation and amenity as urban parkland.



## **Section 4 - Measures to avoid or reduce impacts**

Provide a description of measures that will be implemented to avoid, reduce, manage or offset any relevant impacts of the action. Include, if appropriate, any relevant reports or technical advice relating to the feasibility and effectiveness of the proposed measures.

Examples of relevant measures to avoid or reduce impacts may include the timing of works, avoidance of important habitat, specific design measures, or adoption of specific work practices.

### **4.1 Describe the measures you will undertake to avoid or reduce impact from your proposed action.**

The environmental constraints and opportunities for development of the CBP have been considered during the development of the Masterplan by the ACT Government and the proponent. Further opportunities for avoidance of impacts are limited; however these will be reviewed and addressed in the EIS. Measures to minimise impacts will be described in detail in the EIS, which will be prepared under the bilateral agreement.

### **4.2 For matters protected by the EPBC Act that may be affected by the proposed action, describe the proposed environmental outcomes to be achieved.**

Proposed environmental outcomes as a result of the proposed action will be described in detail in the EIS, to be prepared under the Bilateral Agreement.



## **Section 5 – Conclusion on the likelihood of significant impacts**

A checkbox tick identifies each of the matters of National Environmental Significance you identified in section 2 of this application as likely to be a significant impact.

Review the matters you have identified below. If a matter ticked below has been incorrectly identified you will need to return to Section 2 to edit.

### **5.1.1 World Heritage Properties**

No

### **5.1.2 National Heritage Places**

No

### **5.1.3 Wetlands of International Importance (declared Ramsar Wetlands)**

No

### **5.1.4 Listed threatened species or any threatened ecological community**

Listed threatened species and communities - Yes

### **5.1.5 Listed migratory species**

No

### **5.1.6 Commonwealth marine environment**

No

### **5.1.7 Protection of the environment from actions involving Commonwealth land**

No

### **5.1.8 Great Barrier Reef Marine Park**

No

### **5.1.9 A water resource, in relation to coal/gas/mining**

No





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#### **5.1.10 Protection of the environment from nuclear actions**

No

#### **5.1.11 Protection of the environment from Commonwealth actions**

No

#### **5.1.12 Commonwealth Heritage places overseas**

No

**5.2 If no significant matters are identified, provide the key reasons why you think the proposed action is not likely to have a significant impact on a matter protected under the EPBC Act and therefore not a controlled action.**

It is believed that the Proposed Action will be considered a Controlled Action; and it is anticipated that it will be assessed under the bilateral agreement between the ACT Government and Commonwealth Government through an EIS.



## **Section 6 – Environmental record of the person proposing to take the action**

Provide details of any proceedings under Commonwealth, State or Territory law against the person proposing to take the action that pertain to the protection of the environment or the conservation and sustainable use of natural resources.

### **6.1 Does the person taking the action have a satisfactory record of responsible environmental management? Please explain in further detail.**

Doma Group is experienced with the process of preparing and submitting EPBC Referrals, having received an approval for the development of the Little National Hotel in Barton adjacent to a high conservation area.

Doma Group's main contractor, Bloc (ACT) Pty Ltd will be responsible for carrying out all works on site. Bloc have been assessed by International Certifications and found to comply with the requirements of ISO 14001:2004 Environmental Management Standard and ISO 9001:2008 Quality Management Systems – Requirements.

### **6.2 Provide details of any past or present proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against either (a) the person proposing to take the action or, (b) if a permit has been applied for in relation to the action – the person making the application.**

Not applicable.

### **6.3 If it is a corporation undertaking the action will the action be taken in accordance with the corporation's environmental policy and framework?**

Yes

#### **6.3.1 If the person taking the action is a corporation, please provide details of the corporation's environmental policy and planning framework.**

BLOC is committed to ensuring that all activities resulting from its business and operations are carried out in such a manner as to either eliminate, control, or minimise the impact on the immediate and wider environment. BLOC's principle environmental objectives are, as far as reasonably practicable, to:

- place the protection of the environment as one its highest priorities;



- 
- maintain compliance with applicable environmental statutory legal requirements;
  - promote a positive culture of environmental awareness; and
  - strive for continual improvement in the prevention of pollution.

A number of actions are included in BLOC's Environmental Policy to achieve these objectives, these are detailed in the attached Environmental Policy document.

**6.4 Has the person taking the action previously referred an action under the EPBC Act, or been responsible for undertaking an action referred under the EPBC Act?**

Yes

**6.4.1 EPBC Act No and/or Name of Proposal.**

EPBC 2012/6606: Hotel and carpark development, Block 14 Section 22 Barton, ACT

EPBC 2014/7372: Residential and commercial development, Blocks 4 and 5, Section 38, Campbell, ACT



## Section 7 – Information sources

You are required to provide the references used in preparing the referral including the reliability of the source.

### 7.1 List references used in preparing the referral (please provide the reference source reliability and any uncertainties of source).

Reference Source	Reliability	Uncertainties
Australian Bushfire Protection Planners (ABPP) (2014) 'Bushfire Risk Assessment Report: Canberra Brickworks and Environs', prepared for Land Development Agency.	High. This document was prepared specifically for this project	None known
AECOM (2016) 'Site Investigation - traffic, transport and car parking', published report prepared for Land Development Agency.	High. This document was prepared specifically for this project.	None known
Biosis (2017) 'Ecological Assessment Gap Analysis for the Canberra Brickworks (Blocks 1, 7 and 20, Section 102, Yarralumla)', letter, prepared for Doma Group.	High. This document was prepared specifically for this project	None known
Department of the Environment, Water, Heritage and the Arts (DEWHA) (2009) Significant Impact Guidelines for the critically endangered golden sun moth ( <i>Synemon plana</i> )	High. Guidelines compiled using source materials valid as at December 2009. These guidelines are still current.	None known
Department of Environment (DoE) (2013) 'Matters of National Environmental Significance. Significant Impact Guidelines 1.1 EPBC Act'	High. Guidelines compiled using source materials valid as at October 2009. These guidelines are still current.	None known.
dsb Landscape Architects (2010) 'Tree Assessment', final report, prepared for Land Development Agency.	High. This document was prepared specifically for this project by a suitably qualified company.	None known
Elton Consulting (Elton) (2017) Community Engagement Plan: Canberra Brickworks, DRAFT,	High. This document was prepared specifically for this project and was recently	The Community Engagement Plan is a draft. This is considered appropriate given



Reference Source	Reliability	Uncertainties
unpublished report prepared for updated (June, 2017). Doma Group, Canberra (June, 2017).		the ongoing nature of the Project and need to update the communication plan accordingly. This is not considered an issue for this Referral as the most recent version of the document was used when preparing this Referral.
GML Heritage (2017) 'Canberra High. This document was Brickworks Precinct: Conservation Management Plan', final draft report, prepared for Doma Group.	prepared specifically for this project and was finalised recently (August, 2017).	None known
Leach Steger (2014) 'Detailed Engineering Survey', prepared for Land Development Agency, Canberra.	High. These plans have been prepared specifically for this project.	None known
Lovell Chen (2016) 'Archaeological Assessment: Canberra Brickworks and Environs, Denman Street, Yarralumla, Canberra', unpublished report prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project within the last two years.	None known
Navin Officer (2014) 'Canberra Brickworks, Yarralumla, ACT: Stage 1 Aboriginal Cultural Heritage Assessment', unpublished report prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project within the last three years.	Updated searches may be required as part of the EIS
SMEC (2016a) 'Canberra Brickworks: Detailed Environmental and Geotechnical Site Investigation', final report, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project and has been subject to an independent auditor's review.	Limitations are identified in the report and in the auditors report
SMEC (2016b) 'Canberra Brickworks: Groundwater Investigation-Addendum Report', final report, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project and has been subject to an independent auditor's review.	Limitations are identified in the report and in the auditors report



Reference Source	Reliability	Uncertainties
Umwelt (2015) 'Ecological Assessment at Revised Brickworks Project Area', briefing note, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project.	Report was prepared in 2015. Findings of this report will be supplemented by more recent surveys completed by Biosis (2017).
SMEC (2016a) 'Canberra Brickworks: Detailed Environmental and Geotechnical Site Investigation', final report, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project within the last year.	None known.
SMEC (2016b) 'Canberra Brickworks: Groundwater Investigation-Addendum Report', final report, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project within the last year.	None known.
Umwelt (2015) 'Ecological Assessment at Revised Brickworks Project Area', briefing note, prepared for Land Development Agency, Canberra.	High. This document was prepared specifically for this project within the last two years.	None known.



## Section 8 – Proposed alternatives

You are required to complete this section if you have any feasible alternatives to taking the proposed action (including not taking the action) that were considered but not proposed.

### 8.0 Provide a description of the feasible alternative?

The environmental constraints and concerns of the public have been considered throughout the design stages of the proposed action.

The only feasible alternative remaining is to do nothing, and leave the site as status quo.

### 8.1 Select the relevant alternatives related to your proposed action.

Activities

### 8.9 Describe any public consultation that has been, is being or will be undertaken (including with Indigenous stakeholders).

The public consultation for the proposed action (including the excluding of alternatives) is described in Section 1.13. The consultation has resulted in a focus on celebrating the heritage values of the CBP and ensuring that the proposed action will not impact upon existing residents and infrastructure.

The Canberra Brickworks are currently not actively managed for its heritage value. As such, a status quo approach will not result in a celebration of the history of the site. The proposed action will result in the history of the Canberra Brickworks being the focus of a new residential area that is easily accessible to the Canberra community.

### 8.10 Describe any environmental impact assessments that have been, is being or will be carried out under Commonwealth, State or Territory legislation including relevant impacts of the project for the alternative.

Information as above, in Section 1.14.

### 8.12 Nominate any matters of National Environmental Significance that are likely to be impacted by this alternative proposal by ticking the relevant checkboxes.



**8.13 Describe any impacts on the flora and fauna relevant to the alternative proposal.**

The alternative will not result in any additional impacts on the flora and fauna within the CBP.

**8.26 What are the proposed measures for any alternative action to avoid or reduce impact?**

N/A as there would be no impacts under the alternative action.

**8.27 Do you have another alternative?**

No





## Section 9 – Contacts, signatures and declarations

Where applicable, you must provide the contact details of each of the following entities: Person Proposing the Action; Proposed Designated Proponent and; Person Preparing the Referral. You will also be required to provide signed declarations from each of the identified entities.

### 9.0 Is the person proposing to take the action an Organisation or an Individual?

Organisation

#### 9.2 Organisation

##### 9.2.1 Job Title

Senior Development Manager

##### 9.2.2 First Name

David

##### 9.2.3 Last Name

Carey

##### 9.2.4 E-mail

david@domagroup.com.au

##### 9.2.5 Postal Address

PO Box 5419  
Kingston ACT 2604  
Australia

##### 9.2.6 ABN/ACN

ABN

31616498670 - CANBERRA BRICKWORKS DEVELOPMENTS PTY LTD

##### 9.2.7 Organisation Telephone

0262607750



## 9.2.8 Organisation E-mail

david@domagroup.com.au

## 9.2.9 I qualify for exemption from fees under section 520(4C)(e)(v) of the EPBC Act because I am:

Not applicable

## Small Business Declaration

I have read the Department of the Environment and Energy's guidance in the online form concerning the definition of a small a business entity and confirm that I qualify for a small business exemption.

Signature:..... Date: .....

## 9.2.9.2 I would like to apply for a waiver of full or partial fees under Schedule 1, 5.21A of the EPBC Regulations

No

## 9.2.9.3 Under sub regulation 5.21A(5), you must include information about the applicant (if not you) the grounds on which the waiver is sought and the reasons why it should be made

## Person proposing the action - Declaration

I, DAVID CAREY, declare that to the best of my knowledge the information I have given on, or attached to the EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence. I declare that I am not taking the action on behalf of or for the benefit of any other person or entity.

Signature: D. Carey Date: 16.10.2017

I, DAVID CAREY, the person proposing the action, consent to the designation of DAVID CAREY as the proponent of the purposes of the action describe in this EPBC Act Referral.

Signature: D. Carey Date: 16.10.2017

## 9.3 Is the Proposed Designated Proponent an Organisation or Individual?



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Organisation

## 9.5 Organisation

### 9.5.1 Job Title

Senior Development Manager

### 9.5.2 First Name

David

### 9.5.3 Last Name

Carey

### 9.5.4 E-mail

david@domagroup.com.au

### 9.5.5 Postal Address

PO BOX 5419  
Kingston ACT 2604  
Australia

### 9.5.6 ABN/ACN

ABN

31616498670 - CANBERRA BRICKWORKS DEVELOPMENTS PTY LTD

### 9.5.7 Organisation Telephone

026207750

### 9.5.8 Organisation E-mail

david@domagroup.com.au

## Proposed designated proponent - Declaration

I, DAVID CAREY, the proposed designated proponent, consent to the designation of myself as the proponent for the purposes of the action described in this EPBC Act Referral.



Signature: D. Mulherin Date: 16.10.2017

**9.6 Is the Referring Party an Organisation or Individual?**

Organisation

**9.8 Organisation**

**9.8.1 Job Title**

Environmental Scientist

**9.8.2 First Name**

Amanda

**9.8.3 Last Name**

Mulherin

**9.8.4 E-mail**

amulherin@umwelt.com.au

**9.8.5 Postal Address**

PO Box 6135

56 Bluebell Street  
O'Connor ACT 2602  
Australia

**9.8.6 ABN/ACN**

ABN

18059519041 - UMWELT (AUSTRALIA) PTY. LTD.

**9.8.7 Organisation Telephone**

0262629484

**9.8.8 Organisation E-mail**

reception@umwelt.com.au



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### Referring Party - Declaration

I, Amanda Mulherin, I declare that to the best of my knowledge the information I have given on, or attached to this EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence.

Signature:  Date: 16.10.2017



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## Appendix A - Attachments

The following attachments have been supplied with this EPBC Act Referral:

1. 7.2.202-environmental-policy.pdf
2. 8137\_cbparea.zip
3. biosis\_2017.pdf
4. bloc\_act\_pty\_ltd\_iso-14001-2004-jasanz\_certificate\_2016.pdf
5. draft\_canberra\_brickworks\_cep.pdf
6. m\_stage\_1\_acha.pdf
7. umwelt\_2015.pdf