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# CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN

Extension of Hours

4 Endeavour Avenue, St Clair NSW 2759

PREPARED FOR MCDONALD'S AUSTRALIA LIMITED | FEBRUARY 2021



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## **1 INTRODUCTION**

The purpose of this report is to identify and assess crime risk associated with the proposed extension to trading hours of the McDonald's located at 4 Endeavour Avenue, St Clair NSW 2759; and to identify any design elements of the McDonald's that may contribute to opportunities for crime, so that these may be 'designed out' to maximise safety during the proposed 24/7 operation.

## **2 CRIME OPPORTUNITY**

Given the proposed operational hours of the McDonald's are 24 hours, 7 days a week, there is potential for increased opportunity for crimes or anti-social behaviour (e.g. vandalism, graffiti, litter, excessive noise) at the site, particularly during night-time hours.

## **3 CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN**

Crime Prevention through Environmental Design (CPTED) is a crime prevention strategy that focuses on the planning, design and structure of cities and neighbourhoods. It reduces opportunities for crime by using design and place management principles that reduce the likelihood of essential crime ingredients from intersecting in time and space.

CPTED aims to influence the design of buildings and places by:

- + Increasing the perception of risk to criminals by increasing the possibility of detection, challenge and capture;
- + Increasing the effort required to commit crime by increasing the time, energy or resources which need to be expended;
- + Reducing the potential rewards of crime by minimising, removing or concealing 'crime benefits'; and
- + Removing conditions that create confusion about required norms of behaviour (Department of Planning and Environment, formerly the Department of Urban Affairs and Planning, 2001).

CPTED employs 4 key strategies. These include surveillance, access control, territorial reinforcement and space/activity management.

In accordance with the 4 key strategies, the principals of Crime Prevention and Public Safety are addressed in relation to the existing store and the proposed extension to trading hours:

### **3.1 NATURAL SURVEILLANCE**

Natural surveillance limits the opportunity for crime by increasing awareness that people can be seen. Potential offenders therefore feel increased scrutiny and limitations on their escape routes.

Good surveillance is achieved by:

- a) Clear sightlines between private and public spaces;
- b) Effective lighting of public places; and
- c) Landscaping that makes places attractive, but not a place to hide.

The design of the existing McDonald's affords natural surveillance by the strategic placement of physical features and buildings to maximise visibility within the site, particularly the carpark. The specific design elements include:

- + Clear sight lines between the site and adjoining streets and businesses, allowing maximum visibility and surveillance at the vehicular entry into the site;
- + The maintenance levels for paths of travel comply with AS1680;
- + Appropriate day and night lighting ensures potential problem areas like carparks and corners are well lit; and
- + No 'hidden spots' have been created within the site. Any external areas not visible from the building are captured on closed circuit television (CCTV) and this is advertised.

### **3.2 NATURAL ACCESS CONTROL**

Natural access control limits the opportunity for crime by taking steps to clearly differentiate between public space and private space.

Good access control for the movement of people is achieved by:

- a) Landscapes and physical locations that channel and group pedestrians into target areas;
- b) Public spaces that attract rather than discourage people from gathering; and
- c) Restricted access to internal or high risk areas (e.g. car parks).

The site has been designed to limit access and control flow by:

- + The creation of attractive open spaces within the development;
- + Clear delineation of the property boundary with landscape treatment;
- + Use of landscaping that supports pedestrian access within the site; and
- + Appropriate lighting and signage for customers.

### **3.3 TERRITORIAL REINFORCEMENT (COMMUNITY OWNERSHIP)**

Territorial reinforcement promotes social control through increased definition of space and improved proprietary concern, i.e. it makes the normal user feel safe and makes the potential offender aware of a substantial risk of apprehension or scrutiny. By using buildings, fences, pavement, signs, lighting and landscape to express ownership and define public, semi-public and private space, natural territorial reinforcement occurs.

Community ownership (territorial reinforcement) makes people feel comfortable in a place and is achieved by:

- a) A design that encourages people to gather in public spaces;
- b) Having a clear transition between boundaries of public and private spaces; and
- c) Having clear design cues as to who is to use the space and what it is to be used for.

The McDonald's operation has been designed to clearly delineate spaces that are to be used for congregation and areas that are not. This will ensure that any potential intruders or people who are not customers of the store will stand out and be easily identified. Elements of territorial reinforcement included in the original design and ongoing management of the McDonald's include:

- + The premises and landscaping are maintained such that it communicates an alert and active presence occupying the space;
- + Clearly defined boundaries of the development. This can be seen in the large car parking area that is for the parking of vehicles and not loitering; and
- + Provision of directional signage that assists in controlling activities and movements throughout the premises (knowing how and where to enter/exit and find assistance can impact on safety).

### **3.4 SPACE MANAGEMENT**

Space management strategies such as site maintenance, target hardening, and target removal are included in the development.

#### **3.4.1 MAINTENANCE**

Management and maintenance are closely linked to a sense of ownership. Good management and maintenance of a place, or property, is often the difference between it seeming safe or unsafe and it being cared for or uncared for. Deterioration indicates less control by the users of a site and indicates a greater tolerance of disorder.

It is in McDonald's self-interest of to maintain the site to a high standard so that customers continue to visit the site both during the day and night periods. Routine maintenance checks and reporting will be carried out to ensure the property is maintained and to reduce the likelihood of crime or vandalism.

Furthermore, robust materials (including graffiti resistant materials) have been used where appropriate. Any vandalism or graffiti is repaired and removed promptly by personnel or contractors.

#### **3.4.2 TARGET HARDENING AND REMOVAL**

Target hardening and removal is the use of 'design out crime' strategies to make it harder for a crime to be committed and reduces the gains of crime. While this is the most long-established and traditional approach to crime prevention, it can create a 'fortress mentality' and imagery whereby users of the development withdraw behind physical barriers and the self-policing capacity of the built environment is damaged. This is effectively working against CPTED strategies that rely on surveillance, territoriality and positive image management.

The proposal includes the use of some physical barriers associated with target hardening; however the site allows opportunities for natural surveillance from within the site, with clearly defined boundaries, and allows opportunities for natural access control. The site design has ensured that there is a safe environment for customers and workers within the site.

## 4 CONCLUSION

The above-mentioned measures that have been designed and constructed into the existing McDonald's operation at the site located at 4 Endeavour Avenue, St Clair NSW 2759 creates an environment that dissuades offenders from committing crimes by manipulating the built environment in which those crimes proceed from or occur.

The proposed trading hours of the St Clair McDonald's premises is considered to be consistent with the Department of Planning and Environment (former Department of Urban Affairs and Planning) Crime Prevention and the Assessment of Development Applications, 2001.

Yours sincerely



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