



8.2.9 Critical infrastructure and movement network overlay code

8.2.9.1 Application

1. This code applies to assessing development in the Critical infrastructure and movement network overlay, if:
 - a. assessable development where this code is an applicable code identified in the assessment benchmarks column of a table of assessment for an overlay (section 5.10); or
 - b. impact assessable development.
2. Land within the Critical infrastructure and movement network overlay is identified on the Critical infrastructure and movement network overlay map and is included in the following sub-categories:
 - a. Critical assets sub-category;
 - b. Critical infrastructure and movement planning area sub-category.
3. When using this code, reference should be made to section 1.5 and section 5.3.3.

Note—The following purpose, overall outcomes, performance outcomes and acceptable outcomes comprise the assessment benchmarks of this code.

8.2.9.2 Purpose

1. The purpose of the Critical infrastructure and movement network overlay code is to:
 - a. Implement the policy direction in the Strategic framework in particular:
 - i. Theme 2: Brisbane's outstanding lifestyle and Element 2.3 — Brisbane's healthy and safe communities;
 - ii. Theme 4: Brisbane's highly effective transport and infrastructure networks and Element 4.3 — Brisbane's coordinated infrastructure planning and delivery.
 - b. Provide for the assessment of the suitability of development in the Critical infrastructure and movement network overlay.
2. The purpose of the code will be achieved through the following overall outcomes:
 - a. Development is able to gain appropriate vehicular access to the critical movement and infrastructure network during and immediately after a natural disaster event, including floods up to the 0.05% AEP (2000 year ARI) flood event.
 - b. Development with special emergency access or evacuation needs can be accessed during and immediately after a natural disaster event, or are otherwise able to maintain essential functions during these events.
 - c. Development ensures that land uses, that have a potential to impact on people, property and the environment, can be efficiently accessed or evacuated by emergency services during and immediately after a natural disaster event, an onsite management response appropriately addresses evacuation, and essential supplies can be provided.
 - d. Development is located to allow for the efficient provision of emergency management services.
 - e. Development does not cause environmental harm, risk public safety or compromise the necessary function of infrastructure essential to disaster response or

the wellbeing of the community due to isolation of the development in a natural disaster event.

8.2.9.3 Performance outcomes and acceptable outcomes

Table 8.2.9.3—Performance outcomes and acceptable outcomes

Performance outcomes	Acceptable outcomes	Comments
Access to air service, detention facilities, emergency services, hospital, port service or residential care facility		
<p>PO1 Development ensures that air service, detention facilities, emergency services, hospital, port service and residential care facilities maintain essential functions and retain transport connections necessary for their function during a natural disaster event.</p>	<p>AO1 Development for air service, detention facilities, emergency services, hospital, port service or residential care facilities:</p> <ul style="list-style-type: none"> a. has direct vehicular access to a critical route or an interim critical route; or b. has a hazard-free route (up to and including a 0.05% AEP (2000 year ARI) flood event) to a critical route or an interim critical route during a natural disaster event; or c. includes upgrades to infrastructure to enable access to a critical route or an interim critical route during a natural disaster event; or d. where the development cannot access a critical route or an interim critical route during a natural disaster event, the development: <ul style="list-style-type: none"> i. demonstrates that it services a local/district catchment and can continue to service and access that catchment during a natural disaster event; ii. includes a business continuity plan for the operation of the use or throughout the natural disaster event. 	<p>Not Applicable. The proposed development comprises a one (1) into two (2) lot residential subdivision and does not involve air services, emergency services, hospitals, detention facilities, port services or residential care facilities. The proposal will not compromise the operation or accessibility of critical infrastructure or movement networks.</p>

Access to telecommunications facility, major electricity infrastructure, substation, renewable energy facility, transport depot or utility installation		
PO2 Development ensures that a telecommunications facility, major electricity infrastructure, substation, renewable energy facility, transport depot or utility installation which support a disaster response activity retains necessary access during a natural disaster event to ensure its continued operation.	AO2 Development for a telecommunications facility, major electricity infrastructure, substation, renewable energy facility, transport depot or utility installation: a. has direct vehicular access to a critical route or an interim critical route; or b. has a hazard-free route to a critical route or an interim critical route during a natural disaster event; or c. includes upgrades to infrastructure to enable access to a critical route or an interim critical route during a natural disaster event; or d. has been designed to operate in all flood events without human intervention.	Not Applicable. The proposed development is residential in nature and does not involve infrastructure uses identified under PO2. The subdivision will not adversely impact existing telecommunications, electricity, utility or transport infrastructure networks. Existing infrastructure servicing can continue to operate without interruption.
Access by emergency services to medium impact industry, high impact industry or special industry		
PO3 Development for medium impact industry, high impact industry and special industry achieves appropriate access and egress for personnel and emergency services during a natural disaster event.	AO3 Development for medium impact industry, high impact industry or special industry: a. has direct vehicular access a critical route or an interim critical route; or b. has a hazard-free route to a critical route or an interim critical route during a natural disaster event; or c. includes upgrades to infrastructure to enable access to a critical route or an interim critical route during a natural disaster event.	Not Applicable. The proposal does not involve medium impact industry, high impact industry or special industry uses. The proposed residential subdivision will not create unacceptable access or evacuation issues and will not compromise emergency response functions or infrastructure operations.

Comment:

The subject site is mapped within the Critical Infrastructure and Movement Planning Area sub-category. The purpose of the overlay is to ensure development does not compromise the operation, accessibility or resilience of critical infrastructure and movement networks during natural disaster events. The proposed development comprises a minor one (1) into two (2) lot residential subdivision and does not involve infrastructure uses, emergency services, critical facilities or industrial activities contemplated by the overlay code. The proposal will continue to utilise the existing public road network and is not expected to adversely impact emergency access, evacuation routes or the operation of critical infrastructure. Accordingly, the development is considered consistent with the intent and overall outcomes of the overlay code.