

OUR REF: 6338

16 December 2024

The Chief Executive Officer
Gold Coast City Council
PO Box 5042
GOLD COAST MC 9729

Dear Sir / Madam,

RE: DEVELOPMENT APPLICATION REQUESTING A DEVELOPMENT PERMIT FOR MATERIAL CHANGE OF USE FOR WAREHOUSE (WAREHOUSE) WITH ANCILLARY AN OFFICE; AND OPERATIONAL WORK (CHANGE TO GROUND LEVEL)

AT: FUTURE LOT 303, COASTLINK COURT, STAPYLTON QLD 4207 (FUTURE LOT 303 (CURRENTLY LOT 505 ON SP316171))

Gassman Development Perspectives (GDP) are pleased to lodge an application on behalf of the Applicant, FPI Queensland Pty Ltd, over the above property. The proposed development seeks to establish Warehouse with an ancillary Office, along with various earthworks to enable a flat industrial pad suitable for development.

As such, the specific permit this application is seeking is as follows:

- Material Change of Use for Warehouse and Office (Accepted to Code); and
- Operational Work for Change to Ground Level (Code Assessment).

Please find attached to this correspondence the following:

1. DA Form 1 and Land Owner's Consent;
2. One copy of the Planning Assessment Report prepared by this office and dated November 2024, including:
 - a. Proposal Plans;
 - b. Code Assessment;
 - c. Landscape Intent plan;
 - d. Bulk Earthworks Drawings;
 - e. Approved Civil Services Report
 - f. Acoustic Impact Assessment; and
 - g. Traffic Impact Assessment.

The required fee of \$9,229.50 will be paid following receipt of the electronic fee invoice. A calculation of the fees has been determined as follows:

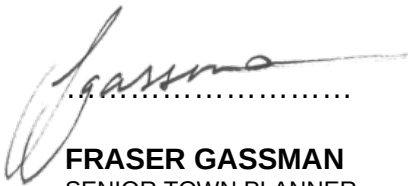
Table 1 – Application Fee Calculation				
Aspect	Description	Fee	Multiplier	Total Fee
Material Change of Use – Warehouse	Code Assessment	\$7,243.00	100%	\$7,243.00
Change Ground Level – Major Works	Code Assessment	\$3,973.00	50% (more than two development types)	\$1,986.50
TOTAL:				\$9,229.50

We look forward to Council's timely and favourable consideration of this application. If you have any questions or require any further information regarding this matter, please do not hesitate to contact myself on the office detailed provided therein.

If you have any further queries, please do not hesitate to contact the undersigned.

Yours faithfully,

GASSMAN DEVELOPMENT PERSPECTIVES



.....

FRASER GASSMAN
SENIOR TOWN PLANNER

PLANNING ASSESSMENT REPORT

REQUESTING DEVELOPMENT PERMIT FOR MATERIAL CHANGE OF USE FOR WAREHOUSE AND AN ANCILLARY OFFICE; AND OPERATIONAL WORK (CHANGE TO GROUND LEVEL)



Vantage Industrial Estate

Approved Lot 303, Coastlink Court, Stapylton QLD 4207

(Part of Lot 505 on SP316171)

Prepared for FPI Queensland Pty Ltd

December 2024

VantageYatala



g a s s m a n
development
perspectives

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In preparing this report we have made certain assumptions. We have assumed that all information and documents provided to us by the Client or as a result of a specific request or enquiry were complete, accurate and up-to-date. Where we have obtained information from a government register or database, we have assumed that the information is accurate. Where an assumption has been made, we have not made any independent investigations with respect to the matters the subject of that assumption. We are not aware of any reason why any of the assumptions are incorrect.

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GDP DOCUMENT CONTROL

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Revision / Checking History

No.	Date	Author	Reviewer
DRAFT	10 November 2024	Jacob Moran	Fraser Gassman
v1.0	11 December 2024	Jacob Moran	Fraser Gassman

Approval for Issue

Rev. No.	Name	Position	Signature	Date
v1.0	Fraser Gassman	Senior Town Planner		11 December 2024

Final Distribution

FPI Queensland Pty Ltd (Client)	1 electronic copy
Council of the City of Gold Coast (Assessment Manager)	1 electronic copy
GDP File	1 electronic copy

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1.0 INTRODUCTION

Gassman Development Perspectives (GDP) has been engaged by FPI Queensland Pty Ltd (Applicant) to prepare a Code Assessable Development Application over approved Lot 303 Coastlink Court, Stapylton (Currently part of Lot 505 on SP316171) requesting a development permit for the following development aspects:

- Material Change of Use for Warehouse with ancillary office; and
- Operational Work for Change to Ground Level.

The proposal seeks to establish a Warehouse and ancillary an office, on approved Lot 303, which is located within Stage 3 of the Vantage Industrial Estate.

By way of background, an approval was originally granted by Council on 6 May 2013 for a Preliminary Approval (section 242 of *Sustainable Planning Act 2009*), for making a Material Change of Use (Impact Assessment) to override the Planning Scheme for Industry Uses. The Preliminary Approval approved variations to the *Gold Coast Planning Scheme 2003* version 1.2, that amended the Yatala Enterprise Area Place Code, approved a Land Use Classification and Staging Plan, Type of Assessment and Tables of Development of the Yatala Enterprise Area Local Area Plan.

The M38 Industrial Place Code (Place Code) is approved via this Preliminary Approval and incorporates specific tables of development, definitions, relevant codes, specific requirements and Land Use Classification / Precincts relevant to the subject site. This development is lodged in accordance with the provision of this Place Code, with the entirety of the proposed development located within Precinct B of the Place Code.

A full assessment of the relevant State, Regional and local planning instruments has been provided as part of this report. As a result of this assessment, the proposal is considered to be generally appropriate in the context of the location and the zoning of the subject site.

2.0 SUMMARY TABLES

Table 1 - Site Details	
Site Address	Approved Lot 303 Coastlink Court, Stapylton QLD 4207
Real Property Description	Approved Lot 303 (Part of Lot 505 on SP316171)
Site Area	Approved Lot 303 – 19,406m ² Current Lot 505 – 286,090m ²
Name of Owner(s)	Australand Industrial No. 89 Pty Limited
Local Authority	Council of the City of Gold Coast

Table 2 - State Planning Summary	
Regional Plan	South East Queensland Regional Plan 2023
Regional Plan Land Use Designation	Urban Footprint

Table 3 - Local Planning Summary	
Planning Scheme Zone	
N/A as varied by existing Preliminary Approval	
Preliminary Approval Documents	
- M38 Industrial Estate Place Code - M38 Industrial Park Land Use Classification and Staging Plan	
Preliminary Approval Land Use Classification	
Precinct B – General Impact Business and Industry	
Preliminary Approval Stage Number	
Stage 3	
Defined Use and Approval sought	
- Development Permit for: - Material Change of Use for Warehouse and ancillary office; - Operational Work for Change to Ground Level.	
Level of Assessment	
- MCU – Accepted to Code Assessment - OPW – Code Assessment	
Potential Applicable Council Codes	
- M38 Industrial Place Code - Changes to Ground Level and Creation of New Waterbodies Code - Landscape Work - Vegetation Management - Works for Infrastructure - Bushfire Management Areas	

- Canals and Waterways
- Car Parking, Access and Transport Integration
- Cultural Heritage (Historic)
- Cultural Heritage (Indigenous)
- Flood Affected Areas
- Natural Wetland Areas and Natural Waterways
- Nature Conservation
- Rail Corridor Environs
- Road Traffic Noise Management
- Sediment and Erosion Control
- Service Roads (Pacific Motorway)
- Steep Slopes or Unstable Soils
- Unsewered Land

3.0 SITE DESCRIPTION AND SURROUNDING LAND USES

Both the current balance lot (Lot 505) and the approved lot (Lot 303) are irregularly shaped allotments, located within Stage 3 of the Vantage Industrial Estate. The estate is located in the Gold Coast suburb of Stapylton (4207).

3.1 SITE LOCATION

In terms of locational context, the overall subject site is located approximately:

- 0.5 kilometres from the Pacific Motorway, Yatala north interchange;
- 5.5 kilometres from the Beenleigh CBD;
- 5 kilometres from Beenleigh Transit Centre;
- 36.5 kilometres from Southport CBD; and
- 38.2 kilometres from Brisbane CBD.

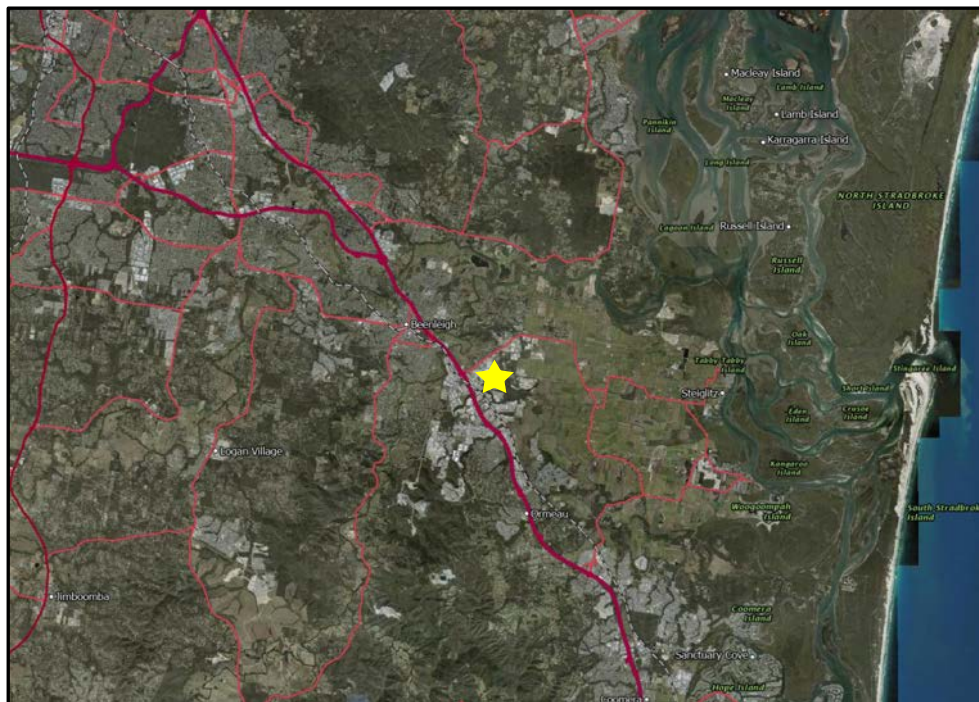


Figure 1 - Location aerial (QLD Globe, 2024)



Figure 2 - Subject Site Aerial (QLD Globe, 2024)

3.2 LAND OWNERSHIP AND ENCUMBRANCES

The subject site consists of a single freehold allotment owned by Australand Industrial No. 89 Pty Limited.

The subject site (approved lot 303) does not contain any mapped easements.

3.3 EXISTING LAND USES

The subject site is vacant; predominantly cleared; and resembles a civil construction site as it has been provisionally prepared to accommodate this industrial subdivision through the undertaking of bulk earthworks and vegetation clearing.

3.4 SURROUNDING LAND USES

The subject site is located within Stage 3 of the Vantage Industrial estate and directly abuts future common property area for open space and recreation, the Amgrow tenancy and is more broadly surrounded by other industrial uses within the estate.

In describing the wider surrounds of the vantage estate:

- To the immediate north-west of the site is Stapylton Jacobs Well Road and farm land which is predominantly flood-prone.
- Further north lies the BP Service Centre and Shell service station along Henry Hester Drive.

- Centrally located, the site adjoins a freehold lot that accommodates an existing industrial operation for a company called Amgrow that undertakes various agricultural focussed soil conditioning and fertiliser activities as well as storage and distribution of their product.
- To the immediate east of the site lies the Stapylton land-fill and recycling centre which is heavily buffered from the site with vegetation.
- Further east lies the Boral quarry which is still active.
- To the immediate west of the site, lying closest to Stapylton Jacobs Well Road is 'The Lodge' residential estate, zoned as high density residential.
- Further south west lies the Henry Hester service road / Stapylton-Jacobs Well interchange (Exit 38) for the Pacific Motorway.
- Beyond the Motorway to the immediate west lie more industrial uses such as the Caterpillar, Carlton United Brewery, etc which form part of the Yatala Enterprise Area.

3.5 FRONTAGE AND ACCESS

Lot 303 has a single road frontage to Coastlink Court, which was also created as a part of Stage 3 of the Vantage Industrial Estate. The proposed development features two vehicular access points, one exclusively for light vehicles, the other for heavy, both via Coastlink Court.

3.6 TOPOGRAPHY AND VIEWS

The overall subject site has undergone significant earthworks to provide future industrial pads on the subject site within the initial stages of the development.

3.7 FLOODING AND STORMWATER

The site is not subject to any flood hazard.

3.8 WETLANDS/WATERWAYS

No significant wetlands or waterways exist over the subject land.

3.9 CONSERVATION /HERITAGE AREAS

There are no buildings or parks within the immediate proximity of the subject site that are conservation or heritage areas.

3.10 RELEVANT APPROVALS

MIN/2023/64 – Overarching Preliminary Approval

On 6 May 2013, Council approved a Preliminary Approval for making a Material Change of Use to override the Planning Scheme for industry uses is associated with this subject site (most recent minor change approved 23 May 2023). This Preliminary Approval includes an endorsed Place Code and Land Use Classification Plan and supports industrial land uses and industrial subdivision within the relevant industrial land use precincts. An extract of the current approved Plan of Development is outlined in **Figure 3** below:

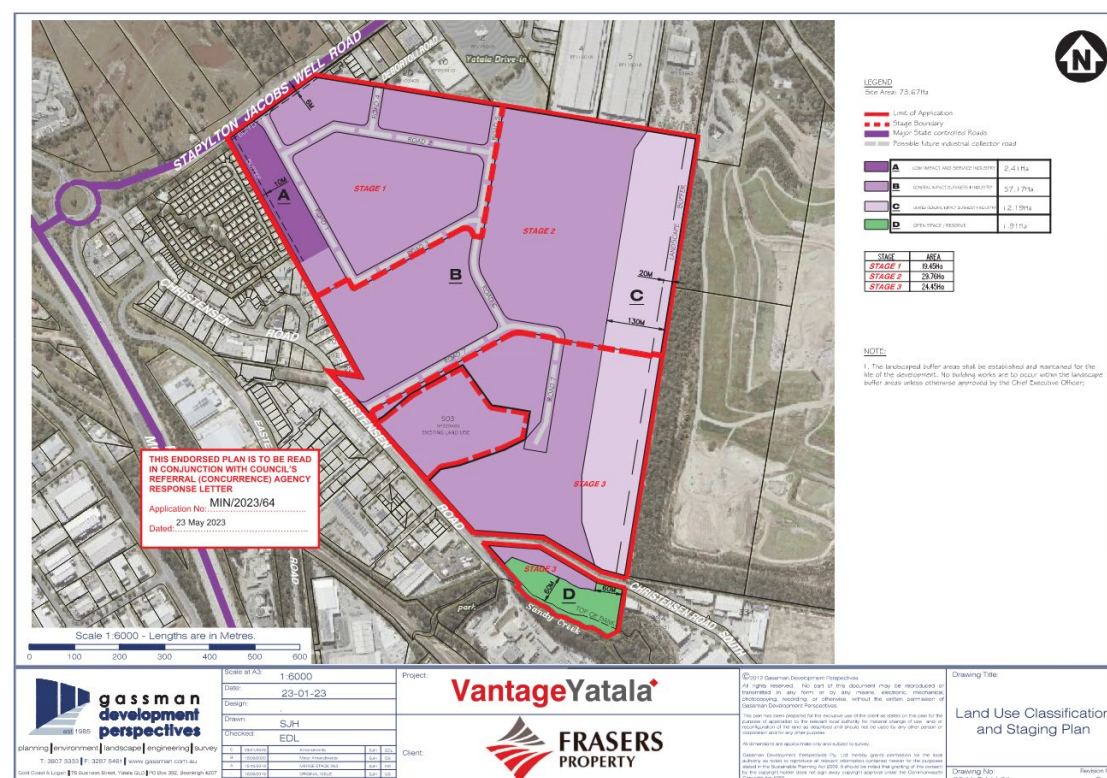


Figure 3 – Preliminary Approval Plan of Development extract – MIN/2023/64 (GDP File, 2024)

As shown within **Figure 3** above, the proposed development is wholly located within Precinct B – General Impact and Business Industry. A copy of the most recent version of the Preliminary Approval is included at **Appendix B** for Council's convenience.

OPW201801218 and OPW201801219

This application involved the creation of large scale flat industrial pads and facilitated vegetation clearing of the subject site with the exception of a 20-metre landscape buffer along the eastern boundary adjoining the Council landfill. All the works associated with this approval have been completed.

COM/2020/262

On 30 April 2021, Council approved a combined application for Reconfiguring a Lot (being the Stage 2 subdivision of Vantage within which this development is proposed) and associated Operational Work for bulk earthworks. A number of minor change applications were

subsequently approved, with the most recent minor change being MIN/2023/142. An extract of the current approved Plan of development is outlined in **Figure 4** below which also shows the proposed development area located within approved Lots 204 and 205.

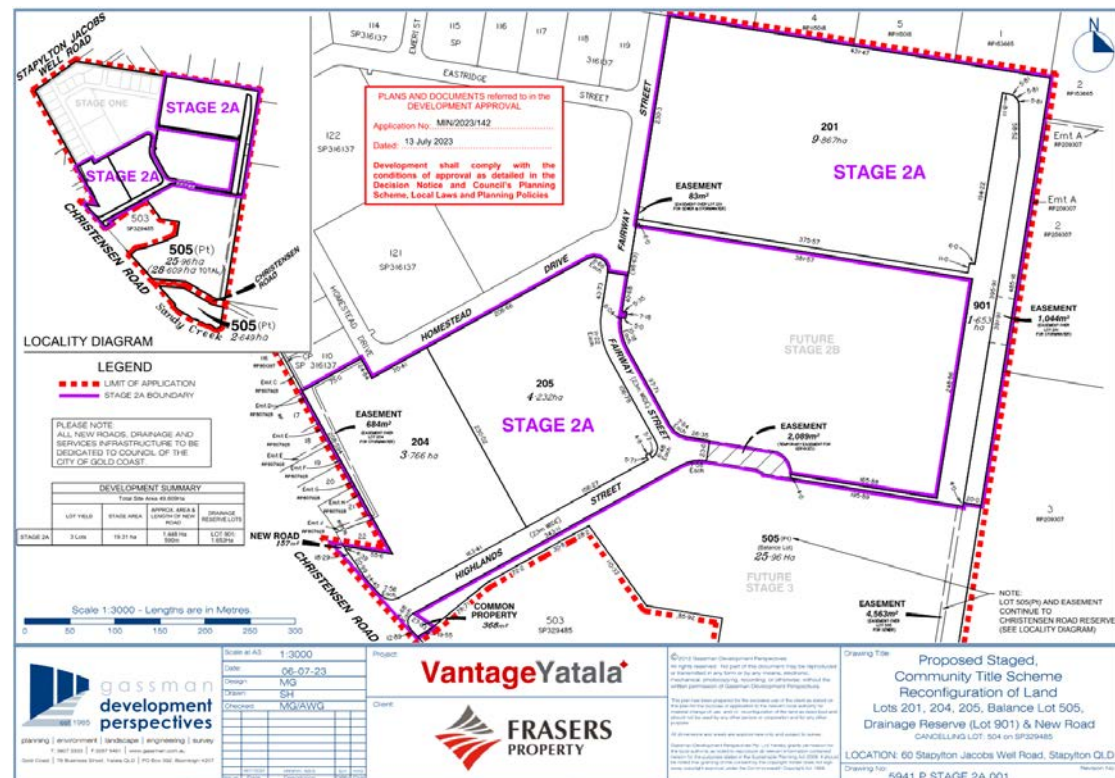


Figure 4 – Stage 2 of the Vantage Industrial Estate – MIN/2023/142 (GDP file, 2024)

COM/2023/82

On 13 December 2023, Council approved a combined application seeking to undertake a Reconfiguring a lot one into 4 CTS lots, common property, stormwater, public open space conservation lot and a new road as well as Operational Works for change to ground level and Operational works for Vegetation clearing. This approval was for the creation of the stage 3 lots of the overall Vantage Industrial estate, namely Lot 303, subject to this application. As well as this, the necessary earthworks to create the industrial pads for future development were approved. An extract of the Stamped Approved Plans has been provided in **Figure 5** below.

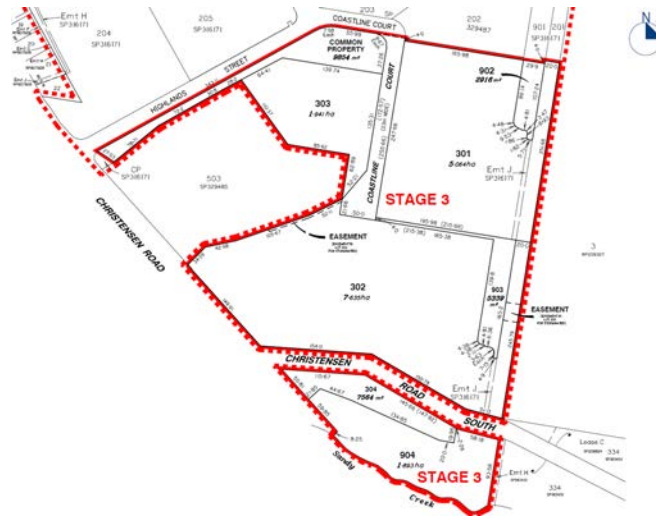


Figure 5 – Approved development layout, Stage 3 Vantage – COM/2023/82 (GDP file, 2024)

4.0 THE PROPOSED DEVELOPMENT

4.1 OVERVIEW

The proposed development seeks to establish an industrial warehouse use over the subject site. The application will involve the following aspects, which are detailed further below.

- Material Change of Use for Warehouse and ancillary office; and
- Operational Work for Change to Ground Level.

4.2 MATERIAL CHANGE OF USE

The proposed development seeks to establish an Industrial land use in the form of an industrial warehouse for storage and logistical operations. An extract of the proposal plans is shown within **Figure 6** below. A copy of the proposal plans is also provided within **Appendix C**.

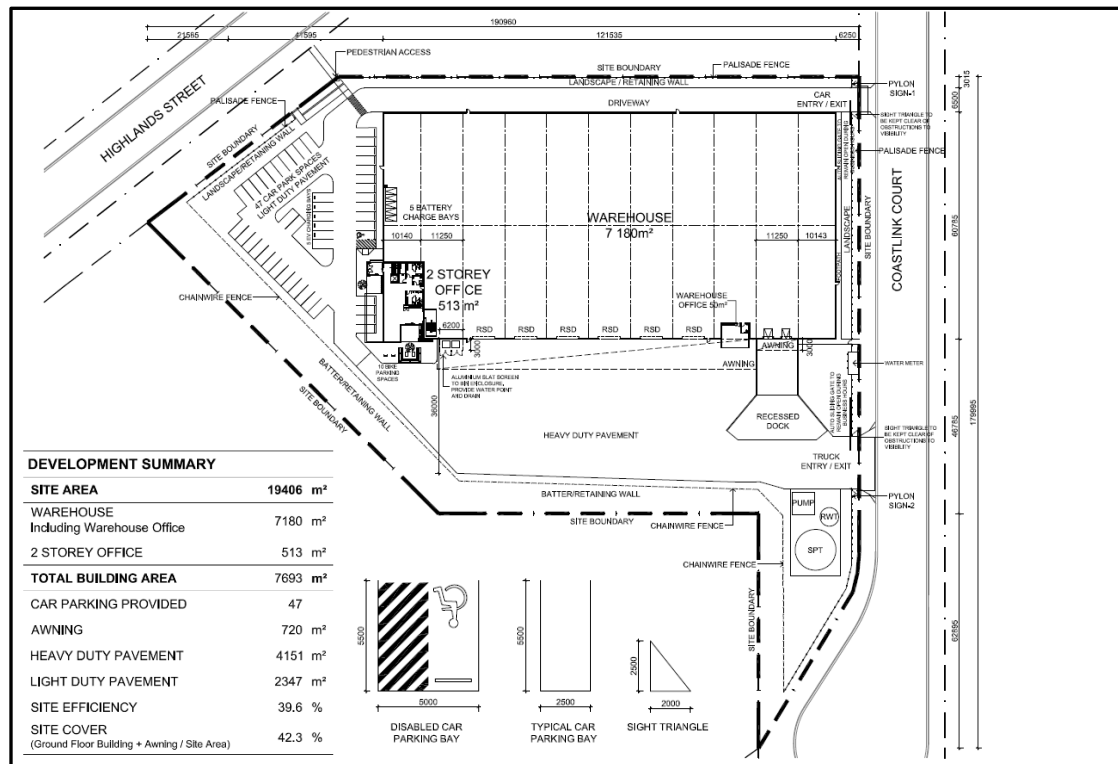


Figure 6 – Proposed warehouse development (GDP File, 2024)

4.2.1 PROPOSED WAREHOUSE DESIGN AND LAYOUT

The proposed warehouse has been designed and sited to ensure maximised flexibility for potential future users to utilise the site for logistical and storage operations. The development has a total Gross Floor Area (GFA) of 6,715m² consisting of the following:

- 6,202m² warehouse area (inclusive of the warehouse office); and
- 513m² ancillary office (double storey) located to the front of the building.

The proposed warehouse is located closest to the northeastern corner of the site, with the two-storey office overlooking the carpark to the west of the warehouse. Each road facing façade of the warehouse has been designed to uphold a visually appealing built form. Generally, variations in design such as overhangs, inclusion of colour changes, the two storey office as well as the generous landscaping proposed throughout the site break up any monotonous built form of the warehouse. Landscaping is proposed along all boundaries to soften built form and further increase industrial amenity of the site, as per the included Landscape Intent Plan (**Appendix F**).

The proposed warehouse, inclusive of office spaces and awnings, has a total site coverage of 42.3%. The general shape and design of the warehouse ensures a maximised flexibility for future users, especially considering the ample access and manoeuvring space proposed adjacent to the warehouse roller doors.

4.2.2 PROPOSED HOURS OF OPERATION

The warehouse and office will typically operate between 6:30am to 9:00pm Monday to Friday, however the proposed use seeks to maintain the 24/7 use rights lawfully allowed under the preliminary approval should demand ever require longer working hours.

4.2.3 PROPOSED ACCESS AND PARKING

Access to the subject site is solely via Coastlink Court, utilising two proposed crossovers existing to the north and south of the warehouse. The northernmost crossover has been designed for light vehicle entry and access to the site and provides a direct route to the 47 carparks located on the western side of the site. The southernmost crossover has been designed for trucks and other heavy vehicles, and provides direct access to the warehouse, as well as featuring a larger heavy duty paved space for manoeuvring. This separation seeks to minimise potential crossover areas between light vehicles, and pedestrians with areas accessible for heavy vehicles. A direct pedestrian access is available from highlands street given access to the office.

Further detail on manoeuvring, access and parking is detailed within the provided Traffic Impact Assessment (**Appendix K**).

4.2.4 SOLID WASTE MANAGEMENT

The proposed development includes provision for adequate bin storage facilities as per *Schedule 6 of the City Plan Policy – Solid Waste Management (Waste Policy)*. The bin storage area has been located next to the recessed dock to allow for effective access for service vehicles, given this location meets the heavy vehicle entrance of the site. The storage point will be aluminium slat screened and enclosed, as well as equipped with a hose cock and drain as per the relevant requirements. The bin storage area has been amply sized, being six by 3.5 metres.

The Waste Policy provides waste generation rates and recommended servicing frequencies for uses including warehouses and office spaces. The office area is considered to be the primary waste generator for the development. Notably, warehouse staff will utilise the office facilities, as such their waste can also be accommodated within this calculation. However, to ensure any waste potentially generated by the warehouse is also accounted for, the industry rate has been applied to both the general and recycling waste generation calculations. This will ensure any waste generated by the office, considered to be the primary generator, will be adequately managed, with ample overflow space for warehouse waste.

As above, it is expected for the use to generate 2,100L of both recycling and general waste on a weekly basis. As such, it is recommended that the use have two, two cubic metre bins, one each for recycling and general waste, collected twice weekly in order to adequately service the use.

Whilst the above will cater for anticipated staff and office use waste, the scale of the proposed warehouse will likely generate a higher amount of cardboard and packaging waste within the warehouse itself. Such waste is to be collected within a designated recycling cage internal to the warehouse so it is protected from inclement weather, which can then be forklifted to a loading bay for collection when required by private contractor.

4.2.5 ACOUSTIC AMENITY

The proposed development is unlikely to produce any acoustic impacts to nearby or surrounding sensitive uses. Given the designated use of the site, being a warehouse and ancillary office, very little in the way of noise generating activities are likely on the site. General industrial noise is expected such as truck movements, car doors shutting etc. however this level of noise generation is consistent with surrounding uses. As such, this low level noise generation use in conjunction with the separation from nearby sensitive receivers, coupled with the fact that the use is buffered from these receivers by other like developments, result in an unlikely acoustic impact to amenity of the surrounding area resulting from the use. Notwithstanding, an Acoustic Impact Assessment accompanies this proposal (**Appendix H**).

4.3 OPERATIONAL WORK

Operational Work for change to ground level is proposed to enable a flat and useable industrial pad. Bulk earthworks drawings are provided within **Attachment G**.

4.4 SUMMARY OF SUPPORTING SPECIALIST REPORTS/DOCUMENTATION

In support of this development application, the following specialist information has been commissioned and accompanies this report.

Table 4 - Supporting Specialist Reports/Documentation			
CATEGORY	CONSULTANT	TITLE OF DOCUMENTS	LOCATION
Preliminary Approval	Gassman Development Perspectives	Current Decision Notice - MIN/2023/82	Appendix B
Plans and Drawings	Fraser's Property Australia	Proposal Plans	Appendix C
Code Assessment	Gassman Development Perspectives	Code Assessment	Appendix D
Landscape Architecture	Gassman Development Perspectives	Landscape Intent Plan	Appendix E
Engineering	Gassman Development Perspectives	Bulk Earthworks Drawings	Appendix F
		Civil Services Report	Appendix G
Acoustic	Acoustic Works	Acoustic Impact Assessment	Appendix H
Traffic	Rytenschild Traffic Engineering	Traffic Impact Assessment	Appendix I

5.0 STATE AND REGIONAL PLANNING FRAMEWORK ASSESSMENT

5.1 STATE LEGISLATION

5.1.1 PLANNING ACT 2016 (PA)

The PA is the principal Act legislating planning and development in Queensland. The purpose of the PA is to establish an efficient, effective, transparent, integrated, coordinated, and accountable system of land use planning, development assessment and related matters that facilitates the achievement of ecological sustainability.

Ecological sustainability is a balance that integrates:

- (a) the protection of ecological processes and natural systems at local, regional, state, and wider levels; and
- (b) economic development; and
- (c) the maintenance of the cultural, economic, physical and social wellbeing of people and communities.

The proposed development seeks approval for the following aspects of assessable development defined under Schedule 2 of the PA:

- Material Change of Use; and
- Operational Work.

Section 45(3) of the PA specifies those matters that must be addressed as part of any code assessable development application. This includes:

- assessment against the assessment benchmarks in a categorising instrument for the development; and
- having regard to any matters prescribed by regulation.

The information contained in this report and the development application addresses all of the above matters (where relevant) and is sufficient for Council to make an informed assessment of the proposed development. It is noted that a 'categorising instrument' is defined under the PA as a regulation or local categorising instrument that does any or all of the following—

- categorises development as prohibited, assessable or accepted development;
- specifies the categories of assessment required for different types of assessable development;
- sets out the matters (the assessment benchmarks) that an assessment manager must assess assessable development against.

In this case, the approved M38 Industrial Estate Place Code is the applicable categorising instrument and contains aspects of the proposed development.

5.2 SUBORDINATE LEGISLATION

5.2.1 PLANNING REGULATION 2017

The PR supports the principal planning laws by outlining the mechanics for the operation of the PA. It outlines all planning processes, including:

- the categorisation of development applications and the matters development applications must consider (in addition to applicable assessment benchmarks);
- identification of the assessment manager and referral agencies for development applications; and
- the matters for a particular development that trigger state interests.

Section 27(1) of the PR specifies the following matters required to be considered for a code assessable development application:

- the matters stated in Schedules 9 and 10 of the PR for the development; and
- if the prescribed assessment manager is a person other than the chief executive (i.e. the Local Government)—
 - the regional plan for a region, to the extent the regional plan is not identified in the Planning Scheme as being appropriately integrated in the Planning Scheme; and
 - the State Planning Policy, to the extent the State Planning Policy is not identified in the Planning Scheme as being appropriately integrated in the Planning Scheme; and
 - for designated premises—the designation for the premises; and
- any temporary State Planning Policy applying to the premises; and
- any development approval for, and any lawful use of, the premises or adjacent premises; and
- the common material.

Section 31(2) of the PR goes on to state that:

- an assessment manager may consider a matter mentioned in Section 27(1) only to the extent the assessment manager considers the matter is relevant to the development; and
- if an assessment manager is required to carry out code assessment against assessment benchmarks in an instrument stated in Section 27(1), this section does not require the assessment manager to also have regard to the assessment benchmarks.

It is noted that Schedule 9 of the PR relates to Building Work under the *Building Act 1975*, and Schedule 10 relates to all other assessable development.

The abovementioned matters are addressed in the following sections.

5.2.1.1 REFERRAL REQUIREMENTS

Schedule 10 of the PR identifies the assessment benchmarks and referral arrangements that apply to particular types of development. Assessment benchmarks and matters a referral agency must consider for particular types of development generally includes the State Development Assessment Provisions (SDAPs).

The State Assessment and Referral Agency (SARA) also provides development assessment mapping to assist in the determination of referral requirements.

Of note, the subject site is located within one state mapping area that may require referral. This are discussed in further details below to determine their applicability to the proposed development.

Water Resources

The subject site is mapped within the Water resource planning area boundaries, as shown in **Figure 7** below.

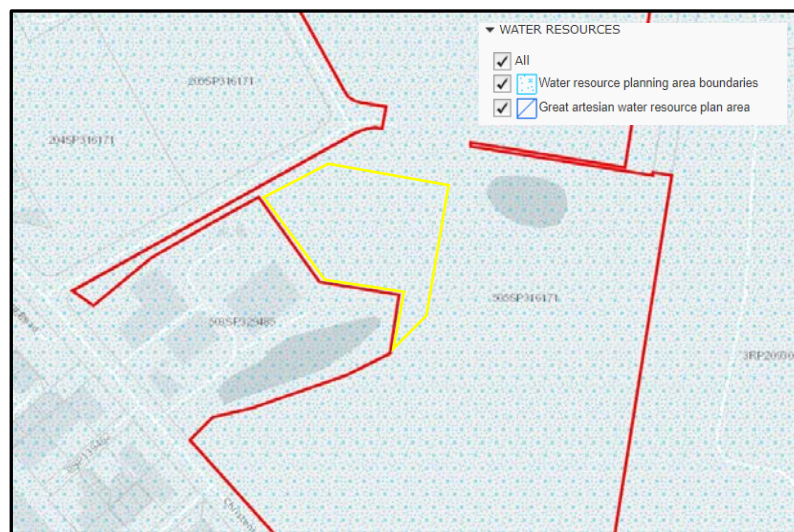


Figure 7 – Mapped water resource planning area boundaries impacting the subject site
(SARA mapping, 2024)

However, the application does not involve Operational Work that involves taking or interfering with water, the removal of quarry material from a watercourse or lake, referrable dams, or the construction of a levee. Therefore, the application does not require referral under Schedule 10, Part 19, Division 1, 2, 3 or 4 of the PR.

Regulated Vegetation

The subject site is mapped as having Category B regulated vegetation mapping layers, as shown in **Figure 8**.

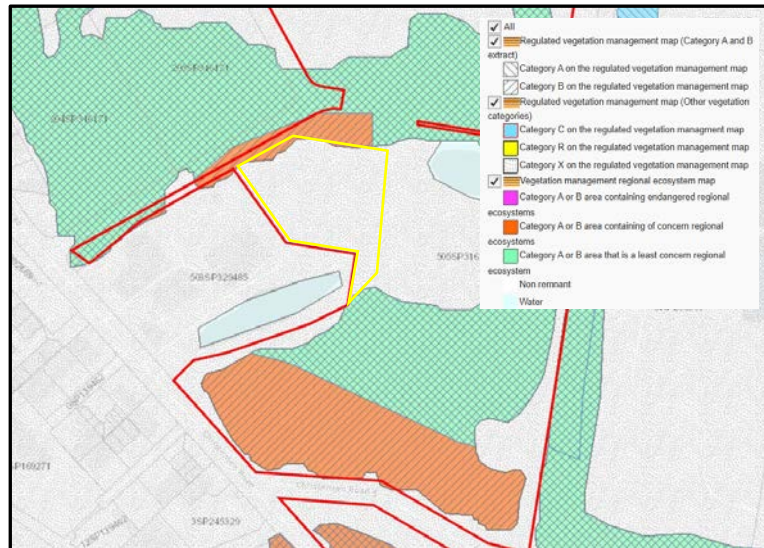


Figure 8 – Mapped regulated vegetation (SARA mapping, 2024)

As mentioned earlier within this report, the developable extent of the subject site under the Preliminary Approval has been lawfully cleared and is no longer subject to any vegetation. As a result, no vegetation clearing aspect is proposed as part of this development application.

Based on the above, this matter does not trigger referral.

Threshold Triggers

The PR also identifies a number of uses, works and lot reconfigurations that can be triggered for referral based on their size, type or intensity. In this instance the proposed development does not exceed any given threshold listed within the PR.

5.3 STATE PLANNING INSTRUMENTS

5.3.1 STATE PLANNING POLICY

The Queensland State Planning Policy (SPP) is a key component of Queensland's planning system. The SPP expresses the state's interests in land use planning and development. Promoting these state interests through plan making and development decisions of state and local government, has the purpose of securing a liveable, sustainable and prosperous Queensland.

The SPP applies, to the extent relevant, when:

- 1) making or amending a local planning instrument;
- 2) making or amending a regional plan;
- 3) designating premises for infrastructure;
- 4) local government is assessing a development application, if its planning scheme has not yet appropriately integrated the relevant SPP state interest policies; or
- 5) an assessment manager or referral agency other than local government is assessing a development application.

As this development application will be assessed by Council of the City of Gold Coast as assessment manager, point 4 above is relevant in this instance.

Depending on how well the state interests are integrated into a planning scheme, different parts of the SPP can be applicable to a development application and require assessment. More specifically, Part B of the SPP (Application and operation) identifies that:

- Part C (Purpose and guiding principles) and Part D (The State interest statements) require assessment by development applications **requiring referral agency assessment**;
- Part C, D, and E (State interest policies and Assessment benchmarks) require assessment by development applications **where particular State interest policies are not yet appropriately integrated into the applicable planning scheme**.

Section 2.1 of the Planning Scheme identifies that the state interest policies not yet appropriately integrated into the planning scheme are 'Natural hazards, risk and resilience (coastal hazards)'.

The subject site is not impacted by any matters regarding coastal hazards, and therefore, an SPP assessment is not considered necessary in this instance.

6.0 LOCAL PLANNING ASSESSMENT

6.1 OVERVIEW

The following is a review of the Local Planning Instruments that apply to the subject site and the proposed development.

6.2 RELEVANT LAND USE CLASSIFICATION / PRECINCTS

As per the current M38 Industrial Place Code this land is divided into the following Land Use Precincts:

- Precinct A – Low Impact and Service Industry;
- Precinct B – General Impact Business and Industry;
- Precinct C – Limited General Impact Business and Industry; and
- Precinct D – Open Space/Reserve.

Please refer to **Figure 10** below, showing proposed development located within Precinct B, and the approximately location of the proposed development within it.

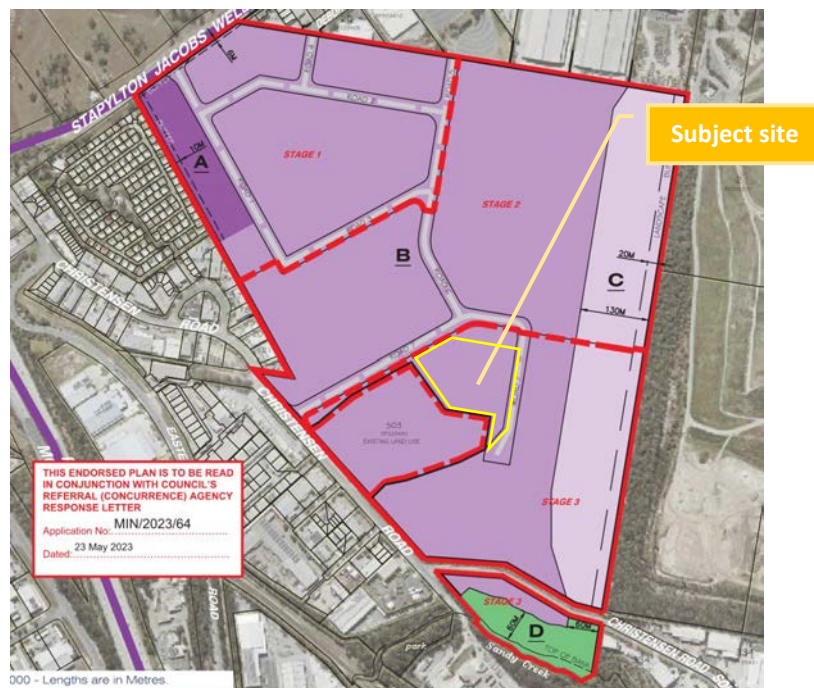


Figure 10 - Land Use Classification and Staging Plan (GDP file, 2024)

6.3 LEVEL OF ASSESSMENT

The Place Code approved variations to the *Gold Coast Planning Scheme 2003*, version 1.2, that affected the Place Code, Type of Assessment and Tables of Development of the Yatala Enterprise Area Local Area Plan, in determining the level of assessment for development applications.

The Place Code was accordingly approved that incorporated the new Tables of Development and applies to this development application. Under Table A of the Place Code, a Warehouse within Precinct B is identified as self-assessable. However, the proposed development does not strictly comply with all Acceptable Outcomes of the Car Parking, Access and Transport Integration Constraint Code, hence the level of assessment is elevated to **Code Assessment** (Accepted to Code), with assessment of the application limited to those non-compliances.

Under Table B of the Place Code, Operational Work involving changes to ground level is listed as Code Assessable where exceeding a volume of 100 cubic metres of fill or excavation. In this instance the proposed earthworks exceed a volume of 100 cubic metres and therefore this aspect of development remains code assessable.

6.4 M38 INDUSTRIAL ESTATE PLACE CODE

The proposed development is within Precinct B: General Impact Business. The Place Code Intent of Precinct B (General Impact Business and Industry) states:

The majority of the land-uses promoted in this precinct, which covers the bulk of the developed site, are consistent with those itemised within the Precinct 1 land use designation of the YEA LAP. Those that are not, are industrially related and befit the future development prospects of the site and the YEA LAP generally. The ultimate intent of this precinct is to promote the land uses and allotment sizes that would ordinarily be located within Precinct 1 land located within the YEA LAP. It is also noted that the proposed subdivision lot-size parameters from Precinct 1 of the YEA LAP have been adopted within this precinct.

The proposed development will establish an industrial land use within this precinct, ultimately meeting the intent of this precinct.

6.5 IDENTIFIED CONSTRAINTS AND OVERLAYS

The following is a summary of the relevant identified overlays that apply to the subject land. Their applicability to the proposed development is discussed further in **Table 5** below.

6.5.1 POTENTIAL BUSHFIRE HAZARD AREAS OVERLAY MAPPING (OM10-1)

The subject site is located within the Potential Bushfire Hazard Areas overlay mapping identified in the category of low and medium bushfire hazard areas, reference is made to **Figure 11** below for relevant mapping.

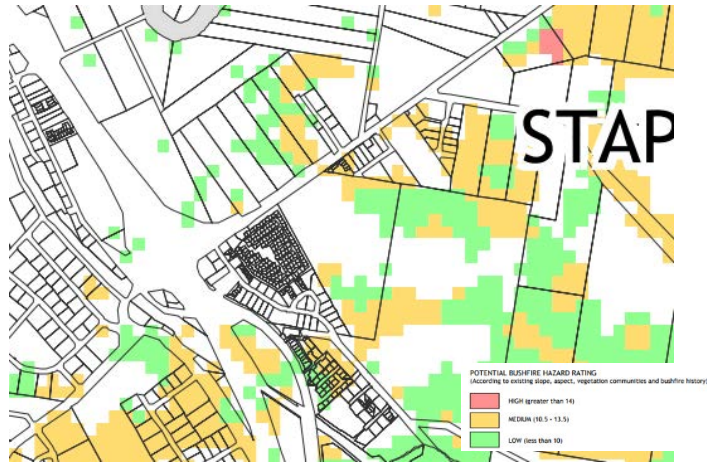


Figure 11 - Potential Bushfire Hazard Overlay Mapping (OM10-1) (Council mapping, 2003)

6.5.2 ACID SULPHATE SOILS OVERLAY MAPING (OM14-1)

The subject site is located within the Acid Sulphate Soil Hazard Areas Overlay Mapping. Reference is made to **Figure 12** below for relevant mapping.



Figure 12 - Acid Sulphate Soil Hazard Areas Overlay Mapping (OM14-1) (Council mapping, 2003)

6.5.3 CONSERVATION STRATEGY PLAN OVERLAY MAPPING (OM20-1)

The subject site is located within the Conservation Strategy Plan Overlay Mapping, and identified within the 'major areas of existing bushland committed to development', and 'existing remnant vegetation area and other natural systems'.

Reference is made to **Figure 13** below for relevant mapping.



Figure 13 - Conservation Strategy Plan Overlay Mapping (OM20-1) (Council mapping, 2003)

6.5.4 SCENIC TOURIST ROUTES OVERLAY MAPPING (OM22-1)

The subject site is located within the Scenic Tourist Routes Overlay Mapping, identified within the land and water routes, reference is made to **Figure 14** below for relevant mapping.



Figure 14 - Scenic Tourist Routes Overlay Mapping (OM22-1) (Council mapping, 2003)

6.6 APPLICABLE CODES

The table below lists the potentially applicable codes and their relevance to the proposed development on the subject site. A response to each of the applicable requirements under each relevant code has been provided in the Appendices of this report.

Table 5 - Relevant Local Planning Codes	
Place Code	
M38 Industrial Place Code	Applicable - The M38 Industrial Place Code is listed as a relevant code for assessment, therefore this code has been addressed in Appendix D of this report.
Specific Development Codes	
Changes to Ground Level Creation of Waterbodies	Applicable - Operational Work is proposed seeking to ensure the pad is appropriate as per the proposed development. Therefore a detailed assessment and consideration of this application against the code was considered applicable in this particular instance, and a response provided in Appendix D .
Landscape Work	Applicable - Landscaping is proposed to accompany this development. Therefore a detailed assessment and consideration of this application against the code was considered applicable in this particular instance, and a response provided in Appendix D .
Reconfiguring a Lot	Not Applicable - No ROL aspect is proposed, therefore no newly created lots, boundary realignments or reconfigurations of existing lots will result. Therefore, an assessment against this code is not considered necessary in this instance.
Vegetation Management	Not Applicable - No Operational Work application has been lodged for vegetation clearing, therefore a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Works for Infrastructure	Applicable - The Works for Infrastructure code is listed as a relevant code for assessment within the Place Code. Therefore, a detailed assessment and consideration of this application against the code was considered applicable in this particular instance, and a response provided in Appendix D .
Constraint Codes	
Bushfire Management Areas	Not Applicable - The subject site has been predominantly cleared under historical approvals, therefore a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.

Table 5 - Relevant Local Planning Codes	
Canals and Waterways	Not Applicable – The proposed development area proposed is located completely outside of any mapped waterway, therefore a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Car Parking, Access and Transport Integration	Applicable - The Car Parking, Access and Transport Integration code is listed as a relevant code for assessment within the Place Code. Therefore, this code has been addressed in Appendix I of this report.
Cultural Heritage (Historic)	Not Applicable - The subject property is not known to be a listed property, therefore a detailed assessment and consideration of this application against this code was not considered applicable in this particular instance.
Cultural Heritage (Indigenous)	Not Applicable - The subject property is not known to be a site of indigenous cultural heritage, therefore a detailed assessment and consideration of this application against this code was not considered applicable in this particular instance.
Flood Affected Areas	Not Applicable – The proposed development area is located completely outside of any mapped flood affected areas, therefore a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Nature Conservation	Not Applicable – The proposed development is located within a historically cleared area and will not require any further clearing, therefore a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Natural Wetland Areas and Natural Waterways	Not Applicable – The proposed development is not located within a Natural wetland area, nor does it contain any Natural waterways. Therefore, assessment and consideration of this application against the code was not considered applicable in this particular instance.
Rail Corridor Environs	Not Applicable - The subject property is not near or within a rail corridor, therefore a detailed assessment and consideration of this application against this code was not considered applicable in this particular instance.
Road, Traffic Noise Management	Not Applicable - The proposed industrial subdivision does not include or involve a noise sensitive land use. Therefore, a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Sediment and Erosion Control	Not Applicable – The proposed development is located within a historically augmented area and will not require any further earthworks or clearing, therefore a detailed

Table 5 - Relevant Local Planning Codes	
	assessment and consideration of this application against the code was not considered applicable in this particular instance.
Service Roads (Pacific Motorway)	Not Applicable - The subject site is not located on the Pacific Highway service road, therefore, a detailed assessment and consideration of this application against the code was not considered applicable in this particular instance.
Steep Slopes or Unstable Soils	Not Applicable - The subject land is not identified within an area of 'land slip risk of instability', therefore a detailed assessment and consideration of this application against the constraint code was not considered applicable in this particular instance.
Unsewered Land	Not Applicable - The proposed development is located on an approved industrial lot that will be connected to Council's reticulated sewerage system, therefore a detailed assessment of this application against the constraint code was not considered applicable in this particular instance.

7.0 KEY CONSIDERATIONS

In addition to the detailed assessment of this proposed development against the Preliminary Approval and M38 Industrial Place Code, the following key matters are considered relevant to the consideration and determination of this development application.

7.1 COMPLIANCE WITH PRELIMINARY APPROVAL

The Vantage Industrial Estate seeks to deliver an envisaged industrial product consistent with the outcomes prescribed within the overarching Preliminary Approval. Importantly, essential aspects of the Preliminary Approval are reflected within the proposed development, demonstrated by compliance with relevant acceptable outcomes and performance outcomes where required.

7.2 ACCEPTED TO CODE - ASSESSMENT AGAINST NON-COMPLIANCES

The MCU aspect of the application remains 'Accepted to Code' due to a number of non-compliances with the Acceptable Solutions of the relevant codes. Therefore, assessment of this aspect of the application is limited to those non-compliances, which in this instance include:

- AS/PC8 of the M38 Industrial Place Code – The prescribed car park rate is not met.

A response to each of the non-compliances is provided within the attached code assessment (refer **Appendix D and K**) and are summarised below.

AS8.1.2/PC8 – The development proposed 47 car parking spaces, 38 less than the prescribed, being 85 spaces, which does not comply with AS8.1.2. However, the development maintains compliance with PC8 as follows:

- The tenancy is anticipated to have a maximum workforce of 95 on site at any one time;
- Is consistent with recent approvals for Lot 120 (COM/2024/49), Lot 121 (MCU/2021/718), Lot 122 (COM/2023/162) and Lot 201 (MCU/2022/242) within the Vantage estate; and
- Is supported by reviews of car parking utilisation using NearMap for other like warehouse in proximity.

8.0 SUMMARY OF FINDINGS AND CONCLUSION

The proposal seeks to establish an industrial warehouse and ancillary office development within the thriving Yatala Enterprise Area, specifically the Vantage Industrial Estate.

The proposed development will be:

- Consistent with the State and regional planning provisions applicable to the subject site;
- Consistent with the planning principles of the M38 Industrial Place Code;
- Consistent with the Preliminary Approval that applies over the land;
- Consistent with the intent and content of the industrial precinct;
- Generally in accordance with the performance criteria and acceptable solutions of the applicable development codes; and
- Appropriate within the context of the site and its surrounds without adversely impacting on the surrounding area and land uses.

The proposed development is appropriate within the context of the site and the planning framework for the area. Accordingly, it is requested that this application be favourably considered and approved subject to relevant and reasonable conditions.

APPENDIX D

CODE ASSESSMENT



VantageYatala



g a s s m a n
development
perspectives

planning
environment
landscape
engineering
survey



Part 7 Codes

Division 2 Specific Development Codes

Chapter 11 Changes to Ground Level and Creation of New Waterbodies

1.0 Purpose

This code seeks to ensure that changes to existing ground levels, including the creation of new waterbodies, do not adversely affect other properties or the general amenity of the locality in which the works are occurring. Ground level changes must be geotechnically and ecologically sound and, where a flood affected site is proposed to be developed, adequate measures will be taken to ensure that the development achieves no increase in risk of flood damage to life or to property for existing and proposed residential dwellings. The code also seeks to prevent any increase in runoff that might occur from development that would increase the rate of runoff or the magnitude of the flood volume that would run off during a flood emergency.

Best land management development practices, consistent with the principles of ecologically sustainable development, shall be employed.

This code also seeks to regulate development of land containing potential and actual acid sulfate soils so as to minimise the potential for environmental harm that may arise as a result of disturbances to these soils. In turn, this will minimise short and long term damage to corrodible infrastructure and natural ecosystems.

2.0 Application

- 2.1 This code applies to development indicated as code or impact assessable in the Table of Development in the domain or Local Area Plan (LAP) within which the development is proposed.
- 2.2 The provisions of this code apply to the life of any development, as well as to the construction period of the development. All information required to support an application, including engineering analyses, calculations, reports and drawings, shall be in accordance with **Planning Scheme Policy 11 – Land Development Guidelines**.
- 2.3 Performance Criteria PC1-PC20 apply to all code and impact assessable development subject to this code.

3.0 Development Provisions

Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
Development that is Code Assessable or Impact Assessable			
Acid Sulfate Soils			
PC1 Development on land containing acid sulfate soils must not result in environmental harm or damage.	AS1.1.1 The land is at or below AHD 5 and is assessed for acid sulfate soil, in accordance with Planning Scheme Policy 14 – Management of Activities Located Within Areas of Acid Sulfate Soils .	AS1.1.1 – COMPLIES The proposed development is subject to Condition 12 of the Preliminary Approval that has approved an Acid Sulfate Management Plan.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
	AS1.1.2 The land is at or below AHD 20 and excavation is proposed to levels below AHD 5 and the development is assessed for acid sulfate soil, in accordance with Planning Scheme Policy 14 – Management of Activities Located Within Areas of Acid Sulfate Soils.	AS1.1.2 – COMPLIES The proposed development is subject to Condition 12 of the Preliminary Approval that has approved an Acid Sulfate Management Plan.	
Stormwater Drainage Considerations			
PC2 Development must not cause adverse stormwater drainage impacts on areas external and internal to the site.	AS2.1 The change to ground level maintains flood storage volume over the site for the 20 year ARI storm event. AS2.2 The change in ground level does not involve filling below Q100. AS2.3 The change in ground level does not impound or divert rainfall runoff.	NOT APPLICABLE Flood overlay mapping does not impact the subject site.	
Geotechnical Site Requirements			
PC3 All earthworks must be carried out in a location which is not at risk from: a) geotechnical instability at a nearby location; or b) geotechnical instability on the subject site.	AS3.1 The site is: a) located in areas free of compressible soils; b) designated as having very low to low slope instability. AS3.2 The site is not identified on Overlay Map OM16 – Areas of Unstable Soils and Areas of Potential Land Slip Hazard as an area with moderate, high and very high risk of instability.	AS3.1 – COMPLIES No earthworks are to be carried out on areas of geotechnical instability land. AS3.2 – NOT APPLICABLE Subject land is not identified on overlay map OM16.	
PC4 All earthworks must be geotechnically stable, and must not decrease the geotechnical	AS4 The earthworks are undertaken in a manner which:	PC4 – COMPLIES All earthworks are subject to detail civil design and geotechnical stability engineering.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
stability of the subject or adjacent sites.	a) involves a maximum cut and/or fill of less than 1 metre in height; b) involves batters no steeper than one in two.		

Local Amenity, Noise and Emissions

PC5 All activities carried out for or associated with changes to ground level must be conducted in a manner which ensures minimal disturbance to the amenity of the built environment.	AS5.1 The development involves work which has the potential to generate dust, and the following control measures are implemented: a) daily water spraying of exposed areas; b) provision of sealed roads; c) protective covering of exposed areas; d) the installation of wind barriers. AS5.2 All earthworks on the property are undertaken only during the hours of 6am to 6pm, Monday to Friday, and 7am to 6pm on Saturday. No work is undertaken on Sunday.	AS5.1 – WILL COMPLY The proposed development will ensure that the proposed change to ground level works will be conducted so as not to impact or effect the amenity of the surrounding area. AS5.2 – WILL COMPLY All works will be conducted between the hours of 6am to 6pm, Monday to Friday, and 7am to 6pm on Saturday. No work is undertaken on Sunday.	
PC6 All work associated with any development must not create a negative impact upon the amenity of surrounding properties.	AS6.1 The cut and/or fill is retained, and the retaining wall is set back from any boundary at least one quarter of its height, with a minimum distance of 300mm, and: a) the site is located within a residential domain or adjacent to a site in a residential domain, and the retaining wall is stepped 1.5 metres for every 1.5 metres in height, and the terraces are landscaped; or b) the site is located within a non-residential domain, and the retaining wall is stepped 1.5 metres for every three metres in height, and the terraces are landscaped. AS6.2 The cut and/or fill is not retained, and the toe of any batter is no closer than 300mm from a boundary, and:	AS6.1 – COMPLIES Proposed earthworks will be in accordance with the Bulk Earthworks plans and Statement of Landscape Intent Plans. AS6.2 – COMPLIES Proposed earthworks will be in accordance with the Bulk Earthworks plans and Statement of Landscape Intent Plans.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
	a) the site is located within a residential domain or adjacent to a site in a residential domain, and batters along boundaries are no steeper than one in four and landscaped; or b) the site is located within a non-residential domain, and batters along boundaries are no steeper than 1 in 2 and landscaped.		
Managing Contamination Risk			
PC7 Any filling or excavation must not result in the contamination of land.	AS7 The fill material is solid clean earth or clean inert material, free of organic, putrescible or refuse matter.	AS7 – WILL COMPLY All filling will be solid clean earth material.	
Geotechnical Fill Considerations			
PC8 Any materials used as fill must be able to adequately support future development of the land.	AS8 The proposed type, composition and source of fill material is geotechnically suitable, and is adequately compacted to support future development, in accordance with the requirements of Planning Scheme Policy 11 – Land Development Guidelines.	AS8 – WILL COMPLY All proposed fill material will be geotechnically suitable, and adequately compacted (98% based on industrial land designation) to support future development, in accordance with the requirements of the Land Development Guidelines.	
Hydraulic Considerations			
PC9 Any change to the level of the land must not have an adverse flooding impact on the flooding and drainage characteristics of external sites and/or premises.	AS9 As demonstrated by a hydraulic report prepared in accordance with Council's Hydraulic Report Requirements, the filling or excavation does not: a) cause ponding on the site or nearby land; b) increase flooding which adversely affects the safety or use of any land upstream and downstream; c) adversely affect the flow of water in any overland flow path; or otherwise d) contravene the intent of Constraint Code 8 - Flood Affected Areas.	AS9 – COMPLIES The proposed development has been designed and will be constructed in accordance with the historically approved Stormwater Management Plan for the Vantage Industrial Estate.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
PC10 Development upstream of areas with over floor flooding shall not increase the contribution of floodwater from the catchment. Over floor flooding occurs adjacent to: a) Currumbin Creek, downstream of weir near Stackpole Street; b) Tallebudgera Creek, downstream of Benardon Court; c) Mudgeeraba Creek, downstream of Berrigans Road; d) Nerang River, east of the Pacific Motorway; e) Coomera River, east of the Oxenford - Tamborine Road; f) Coombabah Creek, downstream of the Pacific Highway; g) Saltwater Creek, downstream of its crossing by Kopps Road.	AS10.1 Flood storage detention facilities are provided, where possible, on public land, of sufficient capacity to retain runoff such that the total peak runoff rate and volume released during the flood is not greater than would have been the case prior to development. AS10.2 A certified hydraulic study (and, if necessary, a hydrologic study) is prepared by a suitably qualified and experienced engineer to investigate the characteristics of both the undeveloped and developed site, and determines to the satisfaction of the Assessment Manager that a detention storage is not required, and a contribution is made by the developer to a Council sponsored community flood detention facility.	AS10.1 – COMPLIES The proposed development has been designed and will be constructed in accordance with the historically approved Stormwater Management Plan for the Vantage Industrial Estate. AS10.2 – NOT REQUIRED	
PC11 All development must ensure that there is no impact to local drainage regimes, such that no real damage is caused to any properties upstream or downstream of the site.	AS11 Stormwater drainage is provided in accordance with Planning Scheme Policy 11 – Land Development Guidelines.	AS11 – COMPLIES The proposed development has been designed and will be constructed in accordance with the historically approved Stormwater Management Plan for the Vantage Industrial Estate. As such the development will not result in worsening conditions.	
Haulage Activity and Amenity			
PC12 All activities carried out for or associated with changes to ground level, including haulage activity, must be conducted in a manner which ensures minimal disturbance to the amenity of the built environment.	AS12.1 The development involves the transportation of fill material to and/or from the site, and the following measures are taken: a) loads are covered; b) spilled or wheel tracked material is immediately cleaned up from external roads; and c) heavy vehicle traffic is controlled. AS12.2 All waste material, including vegetation, is	AS12.1 – WILL COMPLY The proposed development will undertake measures to ensure the transportation of fill material to and/or from the site does not impact on the surrounding environment. AS12.2 – WILL COMPLY All waste will be transported to an appropriate	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
	transported from the site and disposed of in an approved location. AS12.3 All haulage routes are approved by the Department of Transport for declared main roads, and by Council for all other roads. AS12.4 All haulage to and from the site is to be undertaken only during the hours of 6am to 6pm Monday to Friday and 7am to 6pm on Saturdays.	landfill site. AS12.3 – WILL COMPLY Transportation activities associated with the change to ground level will comply with the state and Local Government requirements. AS12.4 – WILL COMPLY All haulage to and from the site will be carried out during the hours of 6am to 6pm Monday to Friday and 7am to 6pm on Saturdays.	

Treatment of Fill and Retaining Walls

PC13 All work associated with any development must not create a negative impact upon the amenity of surrounding properties.	AS13.1 Filling material is placed on the development site and is maintained within the subject property, unless alternative arrangements are agreed by the affected neighbouring property owner. AS13.2 Any retaining walls which present to the street or adjoining land, have a finish that is compatible with surrounding development.	AS13.1 – WILL COMPLY All materials to be maintained on the subject site. AS13.2 – NOT APPLICABLE No retaining walls are proposed.	
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Water Quality

PC14 Development must not have an adverse impact upon the City's ground water, waterways and wetlands.	AS14 Sediment and erosion control measures are implemented with the filling/excavation work.	AS14 – COMPLIES A sediment and erosion control plan forms part of the bulk earthworks plans.	
PC15 The natural hydrological regimes of the site, including natural water quality, quantity and groundwater conditions, must be maintained and enhanced.	AS15.1 Sediment and erosion control measures are implemented with the filling/excavation work, in accordance with an approved Erosion and Sedimentation Control Program. AS15.2 The methods of stormwater run-off control	AS15.1 – COMPLIES A sediment and erosion control plan forms part of the bulk earthworks plans. AS15.2 – COMPLIES The proposed development has been designed and will be constructed in	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
	and the design of the stormwater system does not create a point source discharge to waterbodies. AS15.3 A Stormwater Management Intent is prepared for the site which demonstrates that: a) stormwater is treated prior to discharge into any waterways; b) the velocity and quality of stormwater to be discharged into the waterways does not degrade the environmental values of the adjoining site.	accordance with the historically approved Stormwater Management Plan for the Vantage Industrial Estate. AS15.3- COMPLIES The proposed development has been designed and will be constructed in accordance with the historically approved Stormwater Management Plan for the Vantage Industrial Estate.	
Finished Surface Levels			
PC16 All development must have a finished surface level which is free draining and free from flooding.	AS16.1.1 The development is free draining and the surface gradient of the fill and/or excavated area is within the range 0.5% to 1.5%. OR AS16.1.2 The development includes steep surface gradients, which achieve integration with the surrounding topography, and the finished profile does not interrupt or materially change the surface water drainage, from or onto adjoining land.	AS161.1- COMPLIES Earthworks are designed as free draining towards the proposed new roads at a minimum 1:150 grade. AS16.2 – COMPLIES Please refer to the submitted change to ground level drawings which demonstrate compliance	
Construction of New Waterbodies			
PC17 The new waterbodies must be suitable for their intended uses, and must maintain and enhance the water quality of existing waterbodies connecting to them.	AS17.1 A Water Quality Management Plan, which is prepared by a competent person, demonstrates that: a) the water quality of the new waterbodies is of the same or higher standard as the existing water quality; b) long term maintenance of the desired water quality is achieved; c) breeding potential of biting insects is minimised.	AS17.1 to AS17.4 – NOT APPLICABLE No waterbodies are proposed as part of this application.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
	AS17.2 The water body does not have deep, isolated holes that stratify and increase the possibility of algal blooms occurring, if that stratification breaks down. AS17.3 Pumping for the purposes of maintaining water quality is avoided. AS17.4 The water body is designed with a suitable outlet to ensure that flushing, if required, is possible.		
PC18 Operational work must not cause geotechnical bank instability, erosion, bed scour or revetment wall collapse to adjacent waterbodies or to newly constructed waterbodies.	AS18 Edge treatment to the embankments of the waterbodies is in place during and after construction, in a manner certified by a competent person.	AS18– NOT APPLICABLE No waterbodies are proposed as part of this application.	
PC19 New waterbodies to be transferred to public ownership must have regard to public safety.	AS19 The water body includes: a) warning signs; b) fencing of areas where access is restricted, such as steep sided embankments or large drops.	AS19– NOT APPLICABLE No waterbodies are proposed as part of this application.	
Access to New Waterbodies			
PC20 Development incorporating new waterbodies must be designed to provide suitable access for maintenance of revetment walls and cleaning of the water body, including the removal of rubbish, reeds and surplus aquatic flora.	AS20 Access is provided to the owner/s of the waterbodies, by: a) dedication of land to the Crown, for this purpose; or b) existing access arrangements.	AS20– NOT APPLICABLE No waterbodies are proposed as part of this application.	



Part 7 Codes

Division 2 Specific Development Codes

Chapter 21 Landscape Work

1.0 Purpose

To ensure that the planning, design, construction and management of Landscape Work results in high quality landscape outcomes consistent with local character and City image objectives. To ensure that layout and design of soft and hardscape elements, plant selection and construction is based on clear function and character objectives, consistent with Council's technical requirements.

The key objectives of this code are the:

- achievement of Landscape Work that complements and enhances the uses and developments with which it is associated;
- achievement of Landscape Work that is consistent with the identified landscape character of the locality;
- achievement of Landscape Work that contributes to and enhances the overall City image and townscape of the City of Gold Coast;
- retention of vegetation of ecological, aesthetic and/or cultural significance;
- retention of significant cultural landscapes, associated vegetation, gardens and landscape forms;
- facilitation of complementary design between Landscape Work in the public and private realms;
- promotion of landscape that is functional, and complementary to the climate and land form of the City of Gold Coast;
- achievement of sustainable landscape form for public open space areas and other public areas;
- facilitation of a landscape that can be maintained efficiently to promote the conservation of energy and water; and
- achievement of design and construction of Landscape Work that is consistent with all relevant Australian Standards.

2.0 Application

2.1 This code applies to development for the purposes of Landscape Work indicated as code assessable or impact assessable in the Table of Development of the domain or Local Area Plan (LAP) within which the development is proposed.

2.2 This section is intended to implement the Desired Environmental Outcomes (DEOs) and the objectives of the Planning Strategies relating, in particular, to the Urban Heritage and Character and the City Image and Townscape Strategies. It is supported by Council's overall Landscape Strategy, which has three parts:

Part 1 – Landscape Character: Guiding the Image of the City

Part 2 – Landscape Work Documentation Manual

Part 3 – Landscape Information Sheets

2.3 Performance Criteria PC1-PC4 apply to all development subject to this code.



3.0 Development Requirements

Performance Criteria	Acceptable Solutions	How does the proposal Comply with the acceptable solution or performance criteria	Internal Use
Development is Code Assessable or Impact Assessable			
Local Landscape Character			
PC1 Landscape Work must minimise impact on the environmental values and contribute to the visual amenity and character of the site and local neighbourhood.	AS1 New plantings on the site do not include plant species identified as prohibited or restricted for use in Planning Scheme Policy 13 – Landscape Strategy Part 2 - Landscape Works Documentation Manual, Section D – Guidelines for Undesirable Plants.	COMPLIES WITH AS1 – No prohibited or restricted plants are proposed.	
Landscape Character			
PC2 Landscape Work must contribute to the achievement of a high quality landscape character, City image and townscape for the Gold Coast.	AS2.1 The development is on a site identified in the BeachStrip Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: is consistent with landscape character elements identified in Planning Scheme Policy 12 – Landscape Strategy Part 1 – Landscape Character: Guiding the Image of the City; a) where such a site is located directly adjacent to a dunal area, planting within the area of the site that is seaward of any built structures incorporates a primary planting framework of local native dunal species to reinforce and enhance the natural dunal edge. Plant species used are to be in accordance with those identified for the different zones of the dunal area in Planning Scheme Policy 15 - Management of Coastal Dune Areas;	COMPLIES WITH PC2 – The proposed landscaping intends to maintain a high quality, enhanced amenity, remaining consistent with the envisaged industrial estate's quality.	



	b) the design of the Landscape Work incorporates the retention, enhancement or promotion of any existing significant cultural plantings and native plantings associated with the local character of the beach strip, such as Norfolk Island Pines, <i>Pandanus</i> sp, <i>Banksia</i> sp and <i>Cupaniopsis</i> sp; and c) where such is a residential choice, commercial or tourist development in centres between Palm Beach and Main Beach (particularly Surfers Paradise, Broadbeach and Main Beach), the Landscape Work associated with the site development includes the appropriate use of resort style landscape treatments, in conjunction with the use of local native coastal species; or where such is a residential choice, commercial or tourist development in centres between Currumbin Creek and Coolangatta, the Landscape Work associated with the site development promotes the coastal village character through a primary planting framework of local native coastal species. AS2.2 The development is on a site identified in the Bay Islands Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; and b) local native vegetation is utilised as the primary planting framework in the Landscape Work.		
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	AS2.3 The development is on a site identified in the Hope Island Estates Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) where such is a residential choice, commercial or tourist development, the Landscape Work includes the appropriate use of resort style landscape treatments, in conjunction with the use of local native species; c) where such a site includes large areas of open space and/or drainage corridors and buffer areas, local native species are utilised in the landscape as the primary planting framework; d) where such a site is located adjacent to a major road corridor, a strong boulevard character is reinforced in the streetscape work by the use of dominant and consistent plant forms in a simple but formal configuration, using appropriate exotic		
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	or local native species; and e) where such a site is located adjacent to a major road corridor, front fencing is primarily transparent, visually unobtrusive and articulated with the use of appropriate vegetation, materials and colours. AS2.4 The development is on a site identified in the Broadwater Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) any existing significant cultural and/or remnant vegetation on the site is retained and/or is reinforced in the Landscape Work with new planting that reflects the forms and growth habits of the traditional or remnant planting forms; and c) where such a site is immediately adjacent to the Broadwater, planting within the area of the site that is directly adjacent to any water body utilises a primary planting framework of local native		
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	species as part of the Landscape Work; or where such a site is adjacent to open space areas linked to the Broadwater, planting within the area directly adjacent to the open space area utilises a primary planting framework of local native species as part of the Landscape Work. AS2.5 The development is on a site identified in the Southport Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) any existing significant cultural and/or remnant vegetation on the site is retained and/or is reinforced in the Landscape Work with new plantings that reflect the forms and growth habits of the existing cultural and/or remnant plantings; and c) where such a site is located along Scarborough or Nerang Streets, streetscape framework planting creates a strong boulevard character, and provides shade, amenity and vertical enclosure		
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	through the use of single trunked canopy shade species. Dominant vertical forms, such as palms and resort style landscape treatments, are not utilised as part of the Landscape Work within or directly adjacent to the streetscape; or where such a site is located along Short Street, streetscape framework planting reinforces the existing informal leafy streetscape utilising single trunked canopy shade species as part of the Landscape Work. Dominant vertical forms, such as palms and resort style landscape treatments, are not utilised in the Landscape Work within or directly adjacent to the streetscape. AS2.6 The development is on a site identified in the River Valleys Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) incorporates a primary planting framework of local native plant species in the Landscape Work; c) any existing significant cultural and/or remnant plantings are retained and/or reinforced in the Landscape Work, with new plantings that reflect the forms and growth habits of the existing cultural and/or remnant plantings; d) Landscape Work includes minimal cut and fill of the original landform, utilises open style and transparent fencing, and		
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	reduces the impact of any bulk massing in building form on the site; e) where such a site is located along a major road corridor, Landscape Work on the site promotes and enhances varying road experiences through open, filtered and enclosed views of any rural areas, creeks and riverine vegetation; f) where such a site is located on a ridgetop, crest or upper slope of a foothill, the character of any undeveloped ridgelines is reinforced and enhanced as part of the Landscape Work on the site; and g) where such a site includes and/or is adjacent to a creek and/or river system, Landscape Work utilises local native riverine species in the design that contribute to the rehabilitation and expansion of the riparian zone. AS2.7 The development is on a site identified in the Albert Corridor Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; incorporates a primary planting framework of local native plant species in the Landscape Work; c) any existing significant cultural and/or remnant plantings are retained and/or reinforced in the Landscape Work, with new plantings that reflect the forms and growth habits of the existing cultural and/or remnant plantings;		
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	d) where such a site is located along a major road corridor, Landscape Work on the site promotes and enhances varying road experiences through open, filtered and enclosed views of any rural areas, riverine vegetation and surrounding ridgeline; e) where such a site is located on a ridgetop, crest or upper slope of a foothill, the character of any undeveloped ridgelines is reinforced and enhanced as part of the Landscape Work on the site; f) where such a site includes and/or is adjacent to a creek and/or river system, Landscape Work utilises local native riverine species in the design that contribute to the rehabilitation and expansion of the riparian zone; g) where such a site is located within a significant rural landscape or floodplain area, the Landscape Work on the site reinforces and promotes the open character of the floodplain environment and/or rural landscape; and h) where such a site is in an industrial area fronting a major road corridor, the Landscape Work presents a dense and green outlook to the road corridor frontage. AS2.8 The development is on a site identified in the Beenleigh and Sugar Cane Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) any existing significant cultural and/or		
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	remnant planting, particularly that associated with rural landholdings, are retained and/or reinforced in the Landscape Work, with new plantings that reflect the forms and growth habits of the existing cultural and/or remnant plantings; c) where such a site is located adjacent to the bay edge, Landscape Work utilises a primary planting framework of local native species in an informal landscape setting that enhances the low scale and natural character of the area; d) where such a site includes industrial or commercial development, the Landscape Work incorporates a dense landscaped buffer area, with a primary planting framework of local native species to screen the development from any residential and rural uses; and where such a site includes industrial development along major traffic routes, Landscape Work incorporates a landscaped buffer strip of local native species along the street frontage to present a dense and green outlook to the street. AS2.9 The development is on a site identified in the Suburban Estates Character Area on Planning Strategy Map PS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) where such a site includes open space areas, Landscape Work incorporates:	
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	■ a primary planting framework of local nativespecies; ■ the retention of existing significant remnantvegetation in the design; and ■ enhancement of visual and physical linkages toopen space areas surrounding the site; c) where such a site includes drainage reserves in open space areas, Landscape Work incorporates the principles of dual use drainage systems, such as wetlands, informal open space and detention basins, where such are consistent with hydraulic/stormwater drainage management practices; d) where such a site requires a landscaped buffer to screen incompatible uses from residential areas, the Landscape Work incorporates: ■ an adequate buffer area to facilitate the specific function required of the screen, eg. where adjacent to busy roads, landscaped buffer strips are of an appropriate width (preferably a minimum of ten (10) metres) that incorporates sufficient area of plant material to provide an effective screen; and ■ a planting structure within the buffer of trees and screening shrubs utilising local native species as the primary planting framework; and e) where such a site includes streetscape work that ispart of the site development, the landscape work provides shade and amenity. This incorporates the use of single trunked canopy shade species, utilising low maintenance local native species as the planting framework, with		
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	exotic species as feature planting, where appropriate. AS2.10 The development is on a site identified in the Canal Estates Character Area on Planning Strategy MapPS10 – Gold Coast Character Map and: a) is consistent with landscape character elements identified in Planning Scheme Policy 12 – Part 1 – Landscape Character: Guiding the Image of the City; b) where such a site includes streetscape work as part of the site development, Landscape Work provides: ■ shade and amenity that incorporates the use of single trunked canopy shade species utilising low maintenance, local native species as the planting framework, with exotic species as feature planting, where appropriate; and front fencing that is designed to be primarily transparent and not visually dominant, avoiding the creation of blank walls or barriers at the street interface; c) where such a site incorporates public open space areas, local native species are utilised as the primary planting framework; and d) Where such a site is directly adjacent to a canal or waterway, Landscape Work incorporates natural looking materials to any revetment treatment, and utilises local native species as the primary planting framework in the areas between the property boundary and the canal or waterway edge.		
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Landscape Design

PC3 The Landscape Work, including that within streetscapes, public open space and private property, must complement new and existing development through the provisions of Landscape Work that: a) responds to opportunities and constraints of the - existing site characteristics; - reinforces and enhances identified local character; b) is best suited to the use and function of the site - and environmental/climatic conditions; and c) has regard for ongoing maintenance.	AS3.1 Landscape Work for the site reinforces and enhances existing significant topographical features, including local native vegetation, waterways, overland flow paths and landform as identified on a Site Survey and Analysis for the site. AS3.2 Landscape Work for the site reinforces local landscape character, as identified in PC2 and AS2.1 to AS2.10 for Landscape Character above. AS3.3 Landscape Work in public areas, such as road reserves, parks and other open space, provides shaded environments and passive recreation spaces for users and visitors to the site. AS3.4 Where a site incorporates high use facilities, Landscape Work is located and maintained in a way that does not create unsafe environments by blocking surveillance, creating concealment spots and reducing sightlines. AS3.5 Landscape Work promotes the effective use of water. Selection of plant species and layout of the landscaped area minimises the demand for use of potable water from the City's water reticulation system. AS3.6 Plant species utilised in Landscape	COMPLIES WITH AS3.1 – 3.9 – The proposed landscaping work seeks to reinforce the high quality, envisaged outcome for the industrial estate as a whole through provisions of appropriate landscaping, that varies in size, shape and colour. The landscaping will also provide visual buffering, reducing any adverse visual impacts resulting from the development. The proposed landscaping is consistent with the surrounding sites and will seek to enhance the local character of the estate. Public areas along the frontages to the site will benefit as the landscaping will provide visual upgrades and provide screening as well as shade in some capacities. The landscaping provides ample opportunity for casual surveillance through the consideration of CPTED principles. Any plant species used will not be prohibited.	
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	Work in streetscapes and public open space areas minimize the need for high intensity landscape maintenance. AS3.7 Landscape Work contributes to the stability of local soils and minimises sediment and erosion activity. AS3.8 Landscape Work complies with a Statement of Landscape Intent (in some cases approved for Preliminary Operational Work – Landscape), where such a site includes one or more of the following: a) rare and threatened flora or habitat for rare and threatened fauna under the Nature Conservation Act 1992, or is identified by the Planning Scheme as being of ecological significance, or is protected vegetation under Specific Development Code 36 – Vegetation Management; b) the site is to contain large areas of replanting and/or rehabilitation; c) the site is to consist of large areas of open space (including private and public); d) the site has significant overland drainage and/or drainage corridors; e) the site incorporates important views as identified by the Site Analysis; f) the site is located in an area of identified. g) particular local or neighbourhood character; h) it is proposed to alter the landform significantly; i) the development requires additional streetscapework; j) the development incorporates built form which is located in areas of high visual prominence.		
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	AS3.9 The Landscape Work is in accordance with a Detailed Landscape Plan, approved for the Operational Work – Landscape Development Permit, prepared in accordance with Planning Scheme Policy 13 – Part 2 – Landscape Works Documentation Manual. AS3.10 The solid wall for podium landscape planting, erected on top of a basement, is not to exceed 0.5 metres in height and is to be located not within 1.0 metre of the basement's outer perimeter		
PC4 Landscape Work in public open space (or that open space to be dedicated as part of an open space contribution) must provide for effective management of the landscape of the site during construction, at 'on' and 'off' maintenance and for future ongoing maintenance regimes.	AS4.1 Landscape Work complies with an Open Space Management Statement (in some cases approved as part of the Preliminary Approval for Operational Work – Landscape) where such a site includes one or more of the following: a) the retention and/or removal of flora or habitat for rare and threatened fauna under the Nature Conservation Act 1992, or is identified by the Planning Scheme as being of ecological significance, or is protected vegetation under Specific Development Code 36 – Vegetation Management; b) extensive areas of natural wetlands or other complex drainage systems; c) large areas of open space, including identification of key linkages to a wider open space system; d) areas that may be subject to significant erosion and/or sediment deposition. AS4.2 The Landscape Work for the site is in accordance with an Open Space Management Plan approved for the Operational Work – Landscape Development Permit, prepared in	NOT APPLICABLE – No landscape work is proposed within public open space.	



	accordance with Planning Scheme Policy 13 – Part 2 – Landscape Works Documentation Manual, where such an area has one or more of the following: a) includes removal of areas of rare and threatened flora or habitat for rare and threatened fauna under the Nature Conservation Act 1992, or is identified by the Planning Scheme as being of ecological significance, or is protected vegetation under the Specific Development Code 36 – Vegetation Management; b) includes retention of areas of significant natural vegetation; c) includes extensive areas of replanting and large rehabilitation areas; d) includes wetlands and other drainage corridors; e) will require storage of materials on-site during construction; f) forms part of a wider open spaces system; g) may be subject to erosion or sediment deposition; includes fauna habitats that require protection and/or expansion; h) includes areas of bushfire hazard; and i) incorporates significant public facilities such as picnic or playground areas.		
PC5 Landscape Work must be designed and constructed to achieve a reasonable and practicable response to all public risk duty of care issues.	AS5 The design and construction of Landscape Work in public open space areas is consistent with all relevant Australian Standards.	NOT APPLICABLE – The proposed development does not include landscaping within public open space areas.	

4.0 Compliance

All Landscape Work must be completed in accordance with the approved Detailed Landscape Plan, prior to the proposed use commencing. All Landscape Work must be maintained and managed in accordance with the Detailed Landscape Plan at all times and to the satisfaction of Council.



5.0 Maintenance Security

5.1 Explanation

For successful establishment of Landscape Work, particularly planting, maintenance is a key component in achieving high quality landscape in the long term. Maintenance is often required for a prolonged period of time after final landscape approval is granted. Security is sometimes required to ensure that the Landscape Work is undertaken in accordance with the approved landscape plan and that follow on maintenance and responsibilities are met.

5.2 Provisions

Maintenance Security may be required, at the discretion of the Council or its delegate, where it is considered necessary to ensure that Landscape Work and associated maintenance requirements are completed to an acceptable standard. The maintenance security will be submitted prior to the issue of the Certificate of Compliance.

6.0 Other Relevant Matters Requirements

The information in **Clause 6.0** is provided in good faith and to the best of Council's knowledge. Applicants should satisfy themselves as to the applicability of other relevant matters.

6.1 Preparation of Landscape Plans

Submission of a Landscape Plan is required where indicated by this Planning Scheme or as a condition of a development approval.

A standard process for submission of Landscape Plans, in association with development applications, is promoted by Council. This process applies to all development applications that have a Landscape Work component. It is acknowledged that the amount of information to be included in the submitted landscape plans may vary, according to the particular circumstance of the proposed development.

There are four types of Landscape Plans that may be required as part of a development application. These are:

- a) Statement of Landscape Intent;
- b) Detailed Landscape Plan;
- c) Open Space Management Statement; and
- d) Open Space Management Plan.

6.1.1 Statement of Landscape Intent Explanation

A Statement of Landscape Intent indicates the broad scale resolution of landscape design issues, and assists in designing and assessing future Landscape Work associated with development. It is required where a proposed development may impact on the character, function, environment and amenity of a site and/or its surrounds.

When is it Required?

The Statement of Landscape Intent is required to accompany any application for a development permit for a Material Change of Use or Reconfiguring a Lot application (to accompany Plan of Development or Concept Plan) where required by the Planning Scheme or by a request for information. The Statement of Landscape Intent may be in some cases approved, if acceptable, as a Preliminary Approval for Operational Work – Landscape. Conditions of this approval will show the requirements for the Detailed Landscape Plan required for Operational Work – Landscape development permit.



Contents of Statement of Landscape Intent

A typical Statement of Landscape Intent identifies (but is not limited to) the following:

- a) existing features on the site to be retained or removed, eg. vegetation and built form;
- b) notations of design intent for any Landscape Work, including desired character themes and proposed function;
- c) proposed location and function of public and private open space areas;
- d) approximate location of softscape areas, including buffers, screens, major garden bed areas and delineation of hardscape areas;
- e) notation of species types for all areas to be replanted (eg. native, exotic, feature planting, form and colour);
- f) approximate location of any building/structure/site furniture, and an indication of their form, materials and colours (including entry statements);
- g) any significant overland drainage paths;
- h) open space design concepts, visual and pedestrian links; and
- i) Open Space Management Statement, if required in the following clause of this code (refer 6.3, below).

6.1.2 Detailed Landscape Plan

Explanation

A Detailed Landscape Plan provides detailed design drawings for all Landscape Work related to an Operational Work- Landscape application associated with a development proposal. This requirement only applies to Landscape Work where a development permit is required under the provisions of this Planning Scheme, or as required by a condition of another development permit.

When is it Required?

A Detailed Landscape Plan is to be submitted and approved for Operational Work - Landscape prior to the issue of an approval for building work or, where building work approval is not required, prior to the commencement of the development/use. Detailed Landscape Plans must comply with any preliminary Operational Work – Landscape approval documentation, such as the Statement of Landscape Intent.

Contents of Detailed Landscape Plan

The contents of a Detailed Landscape Plan must contain sufficient information to enable construction work and assessment by Council (Refer to **Planning Scheme Policy 13 – Part 2 – Landscape Works Documentation Manual** for further detailed information). A typical Detailed Landscape Plan is to include (but is not limited to) the following:

External Work Details:

- a) construction set out and dimensions, relative levels and contours;
- b) surface treatment, including planting areas, turf, hardscape, edge treatments and mounding; and
- c) building footprints, location and details of any fencing, footpaths, retaining walls, architectural screens/walls, gates, entry statements, seats, bollards, bins, lights, water features, pools, signage and irrigation.

Planting Plans:

- a) building footprints showing window and door locations, roof lines and awning lines;
- b) location of proposed species, notation and numbers of all species proposed, plant schedule;
- c) planting bed preparation details, including topsoil depths, mulch, subgrade preparation, details of planter boxes and podiums, fertilisers and irrigation; and
- d) maintenance period for Landscape Work.

Management of Public Open Space

Public open space areas are areas of land that will be transferred to Council as part of an open space contribution associated with a Material Change of Use or a Reconfiguring a Lot development permit. Management of public open space areas is critical during the construction phase, at the 'on' and 'off' maintenance phase and for their future ongoing sustainability.



6.1.3 Open Space Management Statement

Explanation

When planning and designing proposed public open space areas as part of the design development of the whole of the site, it may become apparent during the Site Survey and Analysis phase that there are particular elements (built or natural) associated with open space development that require consideration from a management perspective early in the design process. In these cases an Open Space Management Statement may be required to accompany a Statement of Landscape Intent. An Open Space Management Statement is a broad outline of the proposed methods and strategies for managing areas of open space during the construction phase, 'on' and 'off' maintenance, and future management requirements, and address elements such as:

- a) vegetation proposed to be retained, relocated or removed;
- b) water quality management including lake management;
- c) erosion control;
- d) sediment control;
- e) bushfire hazard management;
- f) proposed maintenance periods and levels of maintenance; and
- g) other issues, such as access and linkages to other areas of open space, as may have been identified during the design stage or in the Site Analysis.

When is it Required?

An Open Space Management Statement is submitted where required by the Planning Scheme, or in response to a request for information. If an Open Space Management Statement is required, it is to be submitted in most cases in conjunction with the Statement of Landscape Intent and, if acceptable, may be approved with the Statement of Landscape Intent as part of a Preliminary Operational Work – Landscape Approval associated with the Material Change of Use or Reconfiguring a Lot development permit.

Contents of Open Space Management Statement

A typical Open Space Management Statement is a written or graphically presented broad outline for managing open space areas during the construction phase, at the 'on' and 'off' maintenance phase, and for future management of elements such as:

- a) proposed area to be dedicated open space, contours and other topographical information pertaining to the site;
- b) sensitive vegetation and fauna, including habitats and corridors;
- c) water quality management, including lake management;
- d) erosion and sediment control management;
- e) bushfire hazard management;
- f) proposed level and length of maintenance periods; and
- g) other issues, such as access and linkages that may have been identified during the design stage or in the site analysis.

6.1.4 Open Space Management Plan

Explanation

The detailed design of any existing and/or proposed public open space areas may require an Open Space Management Plan to be prepared and submitted to Council. The Open Space Management Plan may be required where Council, or its delegate, considers that the nature of the open space requires detailed management issues to be clearly identified.

An Open Space Management Plan is the detailed identification of the management issues related to the open space areas, including:

- a) during the construction phase;
- b) the quality of the open space area when it comes 'on' and 'off' maintenance; and
- c) the future ongoing maintenance and management requirements of the open space.

When is it Required?

An Open Space Management Plan is required by the Planning Scheme as a condition of approval of a Material Change of Use, Reconfiguring a Lot development permit or a preliminary Operational Work – Landscape approval, or where Council, or its delegate, considers the nature of the open space requires detailed management.



Content of an Open Space Management Plan

A typical Open Space Management Plan is to include (but is not limited to):

- a) Management of Open Space Areas during the Construction Phase:
 - a) delineation of proposed public open space areas;
 - b) protection measures for vegetation to be retained or relocated;
 - c) location and details of all proposed on-site sediment and erosion control methods;
 - d) methods and details of disposal of vegetation approved for removal;
 - e) details of protection or translocation of any fauna on-site (where appropriate);
 - f) temporary fire hazard mitigation measures, eg. fire trails, water storage facilities (only where appropriate – information can be drawn from any Bushfire Management Plan undertaken for the whole site);
 - g) details of methods for maintaining appropriate water quality (if appropriate);
 - h) location and details of storage of materials and storage compound for machinery on-site;
 - i) location and details of temporary access for vehicles and site construction personnel;
 - j) access/protection to any infrastructure services by others;
 - k) location and details of any enclosures, including boundaries;
 - l) methods of control of declared plants and recognised environmental weeds;
 - m) maintenance periods; and
 - n) other issues as previously identified in the site analysis and design process.
- b) Quality of Open Space Areas at 'On' and 'Off' Maintenance

Council requires that all open space areas at 'on' and 'off' maintenance are of a standard that can be easily maintained and will not require additional work to be undertaken to bring these areas up to an acceptable standard by Council at 'off' maintenance. Elements that need to be addressed are the:

 - a) standard and quality of grassed areas;
 - b) cleaning of any silt deposition;
 - c) standard of any planting areas, including retained vegetation areas, rehabilitation areas and garden areas;
 - d) condition of any permanent infrastructure, such as irrigation, on-site sediment and erosion control devices, hard surfacing;
 - e) condition of any park facilities or play equipment;
 - f) rubbish and site debris removal;
 - g) standard to be achieved with regard to declared plants and recognised environmental weeds; and
 - h) standard of fire hazard mitigation measures (fire trails and water storage facilities).
- c) Ongoing Management/Maintenance Regimes for Open Space Areas

The purpose of including ongoing maintenance and management regimes is to provide Council with a clear indication of possible future management issues that will need to be addressed in order to provide appropriate resources to maintain the areas to the required standard. This part of the Open Space Management Plan should be developed as a stand-alone document, or summary of undertakings, to assist Council in determining maintenance programs and costs. This is required to cover the following matters:

 - a) identification of the purpose of the open space area, including objectives for future use;
 - b) details of actions for each proposed open space area;
 - c) future management and maintenance regimes for protection of significant vegetation areas, ecological systems, waterways and fauna;
 - d) future management of bush fire hazard (only where appropriate);
 - e) management of domestic farm/feral animals (if appropriate);
 - f) tree management procedures;
 - g) future management and maintenance regimes for sediment and erosion control devices, and irrigation;
 - h) proposed future need for infrastructure, including public facilities;
 - i) maintenance of built form and hard surfacing;
 - j) management and control of declared plants and recognised environmental weeds; and
 - k) management of rubbish.

M38 INDUSTRIAL ESTATE

6.0 M38 INDUSTRIAL ESTATE PLACE CODE DEVELOPMENT REQUIREMENTS

6.1 *PURPOSE*

The M38 Industrial Estate Place Code seeks to ensure that the scale and intensity of development including the impact, design and appearance of industrial development for this land is consistent with the role of the site and the YEA as a regionally significant location for industrial development. These provisions also aim to ensure that the intent of the Place Code is followed and high standards of urban design and architecture are promoted.

6.2 *APPLICATION*

This Code applies to all identified forms of development taking place within the Place Code area as nominated within the M38 Industrial Estate Land Use Classification Plan.

M38 INDUSTRIAL ESTATE

6.3 DEVELOPMENT REQUIREMENTS

M38 INDUSTRIAL ESTATE PLACE CODE

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	DOES THE PROPOSAL MEET THE ACCEPTABLE SOLUTION? If not justify how the proposal meets the performance criteria
DEVELOPMENT THAT IS SELF ASSESSABLE, CODE ASSESSABLE OR IMPACTASSESSABLE		
BUILDING HEIGHT		
PC1 The height of buildings is to be consistent with the role of the site as a predominantly industrial use area. Buildings are to be constructed to a height that complements the surrounding built form and the local landscape character.	AS1 The building has a maximum of 15 metres.	COMPLIES WITH AS1 The development proposes a maximum building height of 14.6m, thereby achieving compliance with AS1.
ACCOMMODATION DENSITY		
PC2 Accommodation density must be consistent with the predominant character of the YEA as an industrial location. Accordingly, very low residential densities are envisaged for the LAP area.	AS2 The maximum dwelling density does not exceed one dwelling per lot.	AS2 NOT APPLICABLE The proposed development does not contain an aspect proposing a dwelling.
SITE COVERAGE		
PC3 The site coverage of development shall be in accordance with the open space landscape character of the YEA.	AS3 Precinct A, B & C: The maximum site coverageshall not exceed 70%. Precinct D: The maximum site coverage shallnot exceed 10%.	COMPLIES WITH AS3 The proposed development has a site coverage of 42.3%.
BUILDING SETBACK		
PC4 The layout of buildings, structures and activities achieves an attractive and orderly appearance where development is visible from the public domain. A good standard of visual amenity isachieved through generous building setbacks andhigh quality landscaping.	Precinct A AS4.1 Buildings are set back from frontages: a) 5 metres from the primary frontage; b) (i) 6 metrrs from the Stapylton Jacobs wellRoad frontage; (ii) 1.5 metres from the secondary frontage; and c) 10 metres from the western boundaryadjoining the existing residential uses. Precincts B, C & D AS4.2 Buildings are set back from frontages: a) 5 metres from the primary frontage; and b) 1.5 metres from the secondary frontage. AS4.3 Where the site adjoins a public open space area the building or structure is setback a minimum of three meters from the common boundary with thepublic open space, and the setback area includes; a) a landscape buffer strip a minimum	COMPLIES WITH AS4.2 The proposed warehouse has a minimum setback from any boundary of 6.25m, in this instance being to the primary road frontage to Coastlink Court. COMPLIES WITH AS4.3 As disclosed above the warehouse meets the minimum setbacks necessary for any adjoining public open space land. AS4.1, 4.4 ARE NOT APPLICABLE The proposed development is not located in Precinct A, nor does it adjoin the Stapylton Landfill.

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	width of two metres; and b) fencing of the common boundary between the private lot and public open space. AS4.4 Buildings shall be setback 50 metres from the adjoining property boundary of the 'Stapylton Landfill'. The 50 metres shall be inclusive of the vegetated buffer area adjoining the eastern property boundary.	
BOUNDARY FENCING		
PC5 The erection of boundary fencing is undertaken in a manner that promotes an attractive streetscape and is responsive to the intended purpose of the fencing.	AS5.1 The design of front boundary fencing is conducive to the establishment of an attractive streetscape and is generally in accordance with the design measures outlined in Figure to AS5.1 included in this code. Generally speaking, design features or strategies such as transparency or landscape buffering should be utilised to soften the effect of front boundary fencing. Solid fencing exceeding 1.5 metres in height should only be established where required for acoustic attenuation purposes. AS5.2 The height of side and rear boundary fencing, where not required for acoustic attenuation purposes, does not exceed a height of two metres. Due to the general low visibility of this fencing, there is no requirement for this fencing to be transparent or landscaped.	COMPLIES WITH AS5.1 The development proposes to utilise standard palisade fencing to line any boundary visible from a publicly accessible area or road. The fencing will not exceed two metres in height. COMPLIES WITH AS5.2 Side boundary fencing is transparent and does not exceed 2m.
DESIGN OF DEVELOPMENT NEAR MAJOR ROADS		
PC6 Those developments visible from, or facing Stapylton-Jacobs Well Road must exhibit a high standard of architectural presentation.	AS6 Facades visible from, or facing Stapylton-Jacobs Well Road are designed to incorporate: - materials such as glass, brick and coloured/textured block work (standard concrete block should not be used). If metal cladding is used, it should be pre-coated in an appropriate colour and have some form of relief; - relatively unobtrusive, earth toned colours, such as subdued greens, blues, browns and greys (bright colours and/or materials which cause glare are avoided); - horizontal/vertical articulation of walls at least at 15 metre intervals; 'humanising' elements, such as entry forecourts, porticos, verandahs, windows, awnings and fenestration; - other features which contribute to an interesting and attractive appearance These design features are to be applied to the main facade facing the relevant road, as well as along a brief return or the full length of side walls.	NOT APPLICABLE The subject site will not be visible from Stapylton Jacobs Well Road.
VEHICULAR CROSSINGS		
PC7 Vehicular crossings associated with the development must be designed and constructed	AS7 Driveways are designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines.	COMPLIES WITH AS7 All driveways part of the proposed development are designed, and will be constructed, accordingly.

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to ensure: a) A safe footpath environment; b) Safe vehicular access to the property; c) Appropriate hydraulic performance of the stormwater infrastructure; d) No damage to vehicle or road infrastructure; e) Minimal loss of on-street parking spaces; - and f) Continued amenity of the neighbourhood.		
VEHICULAR PARKING		
PC8 On-site vehicle parking is provided to meet expected demand, having regard to: a) The size of the proposed workforce; b) The likely number of visitors to the site; c) The likely size and number of service and transport vehicles to be on the site at any one time; d) On-site parking and loading/unloading activities within sites; e) The availability of conveniently located on-street parking; f) Any possible future expansion, redevelopment or change of use.	AS8.1.1 The number of car parking spaces provided on-site generally meets the standards set out in the Constraint Code 4 - Car Parking, Access and Transport Integration in the Gold Coast City Planning Scheme (version 1.1 Amended January 2007); OR AS8.1.2 The number of car parking spaces provided on-site is generally in accordance with Table to Acceptable Solutions AS8.1.2. AS8.2 For multi-unit or multi-use developments, the total car parking provided is an aggregate of the standard parking required for each individual unit and/or component use. AS8.3 A lesser provision may be acceptable where it can be demonstrated, to Council's satisfaction, that the parking needs of a particular development will be adequately met. Where less than the standard amount of parking is provided, the left over space is retained as landscaped open space and placed so as to be suited to ready conversion to additional parking, should the use of the site change and/or the actual car parking demand rise	DOES NOT COMPLY WITH AS8.1.2, COMPLIES WITH PC8 The car parking rate prescribed within Constraint Code 4 requires 82 parks be provided to service the subject site. the proposal has provisioned 47 parking spaces to serve the site. A Traffic Impact Assessment Report has been prepared, justifying this reduced rate and demonstrating that this rate can effectively service the use as necessary, provided in Appendix I. As such, the proposed parking solutions complies with PC8. AS8.2 NOT APPLICABLE The proposal is not for multi-unit or multi-use development. AS8.3 NOT APPLICABLE
ENVIRONMENTAL MANAGEMENT		
PC9 The environmental mitigation methods for the development as detailed within the Environmental Management Plan must take into account and seek to ameliorate any negative aspects of the existing amenity of the local area having regard, but not limited to the impact of noise, hours of operation, visual amenity,	AS9 For development located within Precinct C an Environmental Management Plan (EMP) has been prepared and approved by Council and the development complies with the requirements of the EMP. The EMP is to prepared in accordance with the Planning Scheme Policy 10 – Guidelines for Preparing Management Plans and Plans of Development.	NOT APPLICABLE The subject site is located within Precinct B.

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odour, emissions and dust.		
REFUSE FACILITIES		
PC10 Refuse facilities must be provided on site to service the needs of the development.	AS10.1 A Provision is made for the storage of refuse on site and access for the removal of refuse in accordance with "Solid Waste Management Policy for New Developments"; AS10.2 The refuse storage area is not less than three metres to the frontage of the site and not less than 1.5 metres from any other site boundary; AS10.3 The refuse storage area is enclosed on three sides, with a screen wall extending 0.2 metres above the height of the refuse receptacles; and AS10.4 The refuse storage area is effectively screened from view with landscaping	COMPLIES WITH AS10.1 The development proposes a waste storage area to the front of the site. The waste storage area is able to be adequately serviced. COMPLIES WITH PC10 The refuse storage area greatly exceeds the separation distances listed. COMPLIES WITH AS10.3 The refuse storage area is enclosed as required, as detailed within the site plans. COMPLIES WITH AS10.4 The refuse storage area is adequately screened from view by both landscaping and a solid fence, in addition to the storage enclosure.
BUILDING DESIGN		
PC11 All buildings within Precinct A must be acoustically treated, to minimise nuisance to the adjoining and surrounding residential development.	AS11 The building design and construction of development with Precinct A shall be in accordance with approved Acoustic Report prepared by TTM Group dated 20 April 2011 (reference: 33418 R03).	NOT APPLICABLE The proposed development is located within Precinct B.
HOURS OF OPERATION		
PC12 All activities within Precinct A must be undertaken within appropriate hours, to minimise nuisance to the adjoining and surrounding residential development.	AS12 The hours of operation and the delivery and collection activities for development within Precinct A are restricted to between 7.00am and 8.00pm Monday to Friday, or to the satisfaction of the Chief Executive Officer.	NOT APPLICABLE The proposed development is located within Precinct B.
DEVELOPMENT THAT IS CODE ASSESSABLE OR IMPACT ASSESSABLE		
BUILDING HEIGHT		
PC13 The height of buildings is to be consistent with the role of the site as a predominantly industrial use area. Buildings are to be constructed to a height that complements the surrounding built form and the local landscape character.	AS13 The maximum height of buildings does not exceed 15 metres.	COMPLIES WITH AS13 The development proposes a maximum building height of 14.6m, thereby achieving compliance with AS13.
SITING		
PC14 All buildings must be sited to complement the industrial character and the predominant built form of the surrounding area and to reduce potential conflicts between uses having regard to a site analysis, prepared in accordance with Planning Scheme Policy 17 - Site Analysis .	AS14 No acceptable solution provided.	COMPLIES WITH PC14 The proposed development has been positioned effectively, mitigating any potential adverse effects as well as complementing the envisaged industrial character of the area.
PC15	AS15	COMPLIES WITH PC15

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The layout of the site must provide a clear separation between the public access areas and the areas set aside for servicing the building.	No acceptable solution provided.	There is clear separation between the two areas.
PC16 Industrial structures, storage or service areas, which are likely to appear visually dominating or unsightly, are located to the rear or sides of sites or are otherwise designed and screened to enhance their appearance, when viewed from the street.	AS16 No acceptable solution provided.	COMPLIES WITH PC16 Any unsightly storage, or service areas are effectively screened or have been located at an ample distance from the street, behind landscape buffers. In particular, the waste storage area is located within an enclosed structure, behind solid fencing and landscaping and to the side of the site.
BUILDING AND LAYOUT DESIGN, SAFETY AND COMFORT		
PC17 Buildings are sited and designed such that suitable external spaces remain available for future expansion of buildings, and internal spaces are of a size and shape suited to variable internal layout, maximum vertical storage and addition of mezzanine floors.	AS17.1 Building shapes are regular so as to provide opportunities for future expansion in different directions, and for flexibility in internal location of activities and equipment. AS17.2 Internal column spacing and column heights are generous (for example, building spans of 18 metres and over, bay spacing of 12-18 metres, and column heights of at least eight metres).	COMPLIES WITH AS17.1 The proposed building is regularly shaped and allows for future expansion if necessary. Further, the warehouse has been designed and internally configured to ensure flexibility in the event of a new future user. COMPLIES WITH AS17.2 The proposed development has column spacing and stature at sufficient distances and heights.
PC18 Buildings are sited and designed to suit climatic conditions.	AS18.1 Wherever practicable, buildings are oriented to the north east to take advantage of summer breezes and winter sun. Western aspects are avoided, wherever possible. AS18.2 Where not air conditioned, buildings incorporate a maximum of openings (ie. louvring, windows, doorways) on eastern walls. AS18.3 Windows are minimised and trees are planted along west walls for protection from hot afternoon sun. AS18.4 Shading devices (ie: large roof overhangs, window hoods/blinds, awnings and verandahs) are attached to buildings on all sides, particularly eastern and western sides. Where possible, shading devices are retractable on northern sides during winter. AS18.5 Semi-enclosed workstations, where relatively strenuous manual labour takes place, are located in the cooler and more ventilated parts of the building.	COMPLIES WITH AS18.1 The rear of the building is oriented generally to the north, the building is adequately positioned to take advantage of summer breezes and winter sun. COMPLIES WITH AS18.2 The proposed development will be air conditioned where possible. Otherwise, the warehouse aspect has ample ventilation. Portions of the warehouse and office are equipped with large industrial fans for cooling where necessary. COMPLIES WITH AS18.3 The proposed development incorporates shading devices/techniques such as roof overhangs/awnings along the sides of the building. COMPLIES WITH AS18.4 The proposed development has incorporated shading devices/techniques such as roof overhangs/awnings and vertical blades across windows to ensure adequate shading. COMPLIES WITH AS18.5 The proposed warehouse area is effectively ventilated.
PC19 All buildings must be designed and constructed to a high aesthetic standard and to complement or enhance the local character of the YEA.	AS19.1 The massing and proportions of new industrial buildings are consistent with those of adjoining industrial buildings. AS19.2 Building materials, patterns, textures and colours used in new buildings are complementary to those of nearby	COMPLIES WITH AS19 The proposed development will maintain a built form that is high quality and matches the envisaged industrial estate. The warehouse will vary in built form, through articulation across the northern, eastern and western façades and varying roof height along with variation of colours and materials. The remaining southern façade

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	buildings.	will generally face into the rear of the Amgrow allotment and retaining wall. This ensures limited variations in form is required, however, this façade provides truck access to the warehouse and is equipped with awnings, roller doors and other access provisions that break up the form of the façade.
PC20 Building design and appearance must be conducive to the safety and comfort of all building users.	AS20.1 Glass which forms all or part of any external wall of a building does not exceed a maximum degree of reflection of both heat and light of 20%. The glass area does not exceed 60% of the total area of the external wall. AS20.2 Entrances to premises are clearly visible from the street, and are not obscured or dominated by carparking.	COMPLIES WITH AS20.1 Glass used throughout the façade does not exceed a 20% degree of heat or light reflection. The proposed glass area is limited to the ground floor of the Manufacturer's shop and does not exceed 60% of the total area of external wall. COMPLIES WITH AS20.2 The entrance to the building is clearly visible from the street and is not obscured or dominated by car parking.
DESIGN OF CARPARK AREAS		
PC21 All ground level parking is to be suitably landscaped to provide an attractive and pleasant outlook and shade for parked vehicles, and to contribute towards the quality presentation of new developments.	AS21.1 Significant trees are preserved and incorporated into car parking areas. AS21.2 Landscaped bays for the planting of shade trees are provided at regular intervals throughout car parking areas, at the rate of one landscaped bay per 40 vehicle parking bays or one large shade tree per ten parking spaces. Landscape bays have the same dimensions as a vehicle parking space. AS21.3 Large car parking areas and all heavy/service vehicle parking are situated to the side or rear of sites. Smaller car parking areas, particularly for short term and disabled parking, may be located to the front of sites. AS21.4 Car parking areas located in frontage setback areas are set back behind a minimum three metre landscaped buffer to the frontages. To reduce their visual impact, front car parking areas may be lowered and mounds incorporated in frontage landscaping.	AS21.1 - NOT APPLICABLE Due to the cleared nature of the subject site (due to historical approvals), there are no trees on site. COMPLIES WITH AS21.2 The proposed development will provide ample landscaping around the designated carparking area. The development proposes 47 parking bays and is therefore not required to provide a landscaped tree bay. However, proposes 5 large shade trees along the front landscaping buffer adjacent to the parking area. COMPLIES WITH AS21.3 One parking area exists within the subject site, and has been located in proximity of the entrance to the office space. PWD parking has been located to minimise to maximal extent the distance required to travel to reach the building entrance from the carpark. COMPLIES WITH AS21.4 The front parking areas are each located behind a minimum 3m landscape buffer.
ADVERTISING DEVICES		
PC22 Advertising signage does not dominate the visual amenity of the area.	AS22 No advertising, freestanding or otherwise, is erected which would be readily visible from the Pacific Motorway of the Gold Coast City Rail Line.	COMPLIES WITH AS22 The proposed development does not contain any aspects of advertising visible from the Pacific Motorway and Gold Coast City Rail Line.
PC23 Signs and other forms of advertising on business/industry premises are kept to a minimum. Any advertising relates directly to the activity/process conducted on the premises, rather than general product advertisements.	AS23.1 There is one sign per premises. Multi-unit developments display a single index sign at the entrance to the development which details each occupant, its activity/process and respective unit number. AS23.2 The design and construction of signs meets the following parameters: a) signs are situated near site entries and are well placed for viewing by pedestrians and drivers; b) free-standing signs have a maximum area of 3m²;	NOT APPLICABLE No advertising devices are proposed as part of this application.

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	c) signs on facades have a maximum area of 5m²; d) signs utilise company logos or symbolic representations for quick and easy identification; e) wording on signs is limited to the name, location, business and products of the establishment; f) signs do not utilise fluorescent paints; g) signs do not rotate, flash or move; h) signs are integrated with the form of development and are not visually dominating. AS23.3 All signs are consistent with the provisions for the Industry 2 Domain set out in Specific Development Code 2 – Advertising Devices	
OPEN SPACE/RESERVE AREA		
PC24 In the areas identified as Precinct D (Open Space/Reserve) within the Staging Plan, development is of a limited scale and intensity, compatible with the retention of and rehabilitation of vegetation and habitat, landscape amenity and/or buffer values.	AS24.1 Areas identified as Precinct D (Open Space/Reserve) on the Staging Plan are reserved for conservation and landscape amenity purposes, through: a) Transfer to Council as public open space b) Dedication of a conservation / landscape amenity buffer; or c) Reservation of an area as open space /reserve. AS24.2 Areas identified as Precinct D (Open Space/Reserve) are to be provided in accordance with the following: a) the areas identified as Precinct D as open space will be subject to the application of a statement of landscape intent and/or open space management statement/plan, designed in accordance with Council's Open Space Management and Land Development Guidelines. b) Eventual commitment of the area identified as Precinct D is provided to Council as public open space, in accordance with the requirements of an approved open space management statement/plan and/or rehabilitation management plan. AS24.3 Areas identified within the Precincts D (Open Space/Reserve) including areas identified for revegetation within an approved open space management plan and/or rehabilitation management plan are to be managed in the following manner: a) the land remains largely undisturbed by any buildings, clearing and earthworks; b) the land is provided exclusive of unacceptable hazards such as contaminated land under the Contaminated Land Act 1991 or land subject to geotechnical hazard;	NOT APPLICABLE The proposed development is not located within the mapped Precinct D.

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	c) existing vegetation and natural drainage patterns are retained and rehabilitated, and additional trees planted within a 60 metre wide band utilising local native species; d) the area must be of a physical standard and condition that permits use of the land for its intended purpose, compliments existing adjacent and surrounding public open space areas and provides linkages to other open space areas, where practical; e) the area may form part of the landscape open space areas, associated with individual development proposals; f) the area facilitates appropriate measures for stormwater and flood management and the care of environmental features; g) any parallel roads or services are grouped on one side of the area, to minimise disturbance h) any breaks in the vegetation canopy, necessary for roads or services, are minimised by cutting through perpendicular to the link at a point where damage and discontinuity are minimised, such as where the canopy is already broken or sparse.	
LANDSCAPE DESIGN		
PC25 Landscape design is used to enhance the landscape character of the YEA.	AS25.1 Frontage setback areas are attractively landscaped, including: a) at least 25% of the frontage having a landscaped buffer of minimum five metres depth and the remainder, excluding access ways, a landscape buffer of minimum three metres depth; b) one metre landscaped area adjacent to building walls facing the street. AS25.2 Planting of shade trees occurs along pathways, throughout car parking areas and within public road reserve, as well as and in any other exposed areas where relief from sun and glare would be beneficial. AS25.3 Dwarf walls prevent vehicles breaching landscaped areas along frontages. AS25.4 Screen planting, utilising an appropriate mix of tall trees and lower level shrubs, is used around outdoor parking, equipment, storage and other unsightly areas, particularly where visible from roads. AS25.5 Landscape Design includes: a) provision of pleasant, shaded areas with appropriate furniture for lunch/relaxation	COMPLIES WITH AS25.1 The development proposes generous landscaping to all front frontages which are well in excess of planning scheme requirements. COMPLIES WITH AS25.2 There will be ample shade trees along the carparking areas and street frontages. The landscaping will utilise variance in plants regarding height, colour, size etc. to ensure appropriate screening and high levels of amenity. Refer to Landscape Intent Plan for further commentary. AS25.3 NOT APPLICABLE COMPLIES WITH AS25.4 There will be ample shade trees along the carparking areas and street frontages. The landscaping will utilise variance in plants regarding height, colour, size etc. to ensure appropriate screening and high levels of amenity. Refer to Landscape Intent Plan for further commentary. COMPLIES WITH AS25.4 There will be ample shaded landscaped

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	areas for workers and visitors; b) retention of existing mature vegetation, wherever possible; c) retention of existing natural drainage channels and planting to strengthen their resistance to erosion, especially where proposed development is expected to result in increased volume and velocity of stormwater runoff; d) use of garden edges, lines of trees and mass planting to frame pathways and define site and building entries. AS25.6 A minimum ten (10) metre wide north south landscape buffer is provided along the western boundary of the site adjoining the existing residential uses generally as outlined on the Landscape Intent Plan prepared by Gassman Development Perspectives and titled 5941 Landscape Intent Rev C. AS25.7 A minimum of twenty (20) metre wide north south landscape buffer is provided along the eastern boundary of the site (consisting of 10 metre wide 'undisturbed corridor', and 10 metre wide 'works corridor' including earthworks and landscape treatment).	areas appropriate for employee rest areas. The landscaping will utilise variance in plants regarding height, colour, size etc. to ensure appropriate screening and high levels of amenity. Refer to Landscape Intent Plan for further commentary. AS25.6 NOT APPLICABLE There are no adjoining residential uses. AS25.7 NOT APPLICABLE
PC26 Potentially obtrusive noise, odour and visual impacts are effectively buffered.	AS26.1.1 Development incorporates landscape buffers, earth mounds and acoustic fencing appropriate to the likely off-site impacts of particular developments. OR AS26.1.2 A landscape buffer to a minimum width of ten metres is provided along the western property boundary where adjoining residential uses to effectively screen development behind.	COMPLIES WITH AS26.1.1 The proposed development provides ample landscape buffer along all boundaries. Acoustic fencing is not required in this instance.
PC27 The street side environment and other public spaces are developed to enhance their visual appeal and create a physical continuity and legibility throughout the YEA area and its component precincts.	AS27 Individual developments contribute to streetscape enhancement work (including street tree planting, paving, landscaping of traffic islands and provision of street lighting and furniture), in accordance with any adopted Council streetscape strategy.	COMPLIES WITH AS27 The streetscape adjoining the development is generally enhanced through the incorporation of landscaping and shade tree planting along the street frontages.
PC28 Public open spaces are developed to enhance their recreational amenity for workers and visitors to the Yatala area and the wider community.	AS28 Individual developments contribute (through works or financial contribution) towards construction of footpaths and cycle ways, seating, picnic facilities, play areas and/or other facilities in existing public open spaces and additional spaces established as a result of the development.	NOT APPLICABLE The development does not involve any public open space.
PC29 Landscape design contributes to the creation of a distinctive, memorable and legible town centre, local centres and surrounding suburban	AS29.1 Street design and plantings and major pedestrian paths are aligned to take advantage of attractive local and distant views (eg, views to the mountains or other important landscape elements).	COMPLIES WITH AS29.1 – AS29.3 The proposed development will incorporate a high-quality landscape design that enhances the area and aids in the creation of the envisaged high levels of amenity for the estate.

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areas for YEA.	AS29.2 Footpath paving treatments and street furniture integrate with adjoining development, and setback areas are integrated with public footpaths. AS29.3 Landscape plantings utilise local native species to promote a distinctive site character.																
PC30 Open space and pedestrian areas are to be designed to be both functional and safe.	AS30 Development is designed to ensure a high degree of casual surveillance from nearby residents, employees or passing traffic, public and semi-public spaces, pedestrian and cyclist paths, car parking areas and building entrances.	COMPLIES WITH AS30 There is ample opportunity for casual surveillance of the site. CPTED principles have been implemented to ensure safety of site users and public users alike.															
PC31 All ground level car parking, open space and buffer areas must be landscaped and maintained to complement the character of the local area, and any adjoining residential or public open space areas.	AS31 The car park area, open space and buffer areas of the lot are landscaped with landscape design and use of plant species generally consistent with that of adjacent and nearby lots. The landscape design may incorporate extensive paved areas for pedestrian use.	COMPLIES WITH AS31 The proposed development proposes a high-quality, landscaped area consistent with surrounding lots and with the overall vision for the industrial estate.															
LOT SIZE (FOR SUBDIVISION ONLY)																	
PC32 All lots are to be of sufficient size to comfortably accommodate the type of development envisaged in the LAP and the relevant precinct intent. The number of allotments within Precinct C is controlled to minimise the number of premises exposed to any environmental nuisance from nearby landfill and associated heavy industrial uses.	AS32.1 Any new lots created are sized in accordance with the following schedule: <table> <tr> <th>Precinct</th><th>Min Area</th><th>Ave Area</th></tr> <tr> <td>A</td><td>2000m²</td><td>1 hectare</td></tr> <tr> <td>B</td><td>2000m²</td><td>1 hectare</td></tr> <tr> <td>C</td><td>1 hectare</td><td>1 hectare</td></tr> <tr> <td>D</td><td>20 hectares</td><td>20 hectares</td></tr> </table> AS32.2 The number of allotments and tenancies located within Precinct C is minimised.	Precinct	Min Area	Ave Area	A	2000m ²	1 hectare	B	2000m ²	1 hectare	C	1 hectare	1 hectare	D	20 hectares	20 hectares	NOT APPLICABLE No new allotments are created as a result of this application. The proposed development occurs within an existing allotment.
Precinct	Min Area	Ave Area															
A	2000m ²	1 hectare															
B	2000m ²	1 hectare															
C	1 hectare	1 hectare															
D	20 hectares	20 hectares															
PC33 Allotments prior to development have suitable topography for industry.	AS33 Industrial allotments generally have a ground slope not greater than 10%, and access ways associated with battle axe allotments generally have a ground slope not greater than 16%.	NOT APPLICABLE No new allotments are created as a result of this application. The proposed development occurs within an existing allotment.															

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PC34 Allotments are of regular shapes suited to the intended uses, and allowing design flexibility, efficient development and access.	AS34.1 Development generally incorporates all of the following features: a) allotments that are rectangular shapes; b) allotments which have frontage to depth ratios between 1:2 and 1:4. OR AS34.2 Alternative allotment shapes are provided where warranted, due to: a) the special site requirements of particular industries; and/or b) exceptional physical constraints. OR AS34.3 The development incorporates a small proportion of battle axe allotments, where particular industries have special requirements for square or long and narrow sites. (Battle-axe allotments are useful for creating allotments of such shapes, as well as reducing road frontage construction costs and providing appropriate sites for visually offensive industries.).	NOT APPLICABLE No new allotments are created as a result of this application. The proposed development occurs within an existing allotment.
PC35 Allotments are oriented to suit climatic conditions.	AS35 Allotments are arranged in a manner that maximizes the number of allotments oriented to the north east to take advantage of breezes and enable optimal building orientation for energy efficiency and use of natural lighting.	NOT APPLICABLE No new allotments are created as a result of this application. The proposed development occurs within an existing allotment.
PC36 Reconfiguration of land incorporates open space provision in a way which takes account of the location and attributes of the site and its surrounds, and the need to set aside certain areas for purposes such as: a) conservation of vegetation/habitat; b) retention of creek corridors and natural drainage patterns; c) provision of pedestrian/cycle linkages and recreational facilities; and/or d) creation of landscaped entrances, focal points and streetscape.	AS36.1 Where reconfiguration takes place, an area of up to 10% of the site is provided as open space. This open space is set aside for public park or conservation purposes, developed with pathways and/or recreational facilities, landscaped and/or rehabilitated to its natural state. AS36.2 Reconfiguration proposals incorporate a plan showing street planting to be undertaken. Planting themes contribute to the overall streetscape character of the estate.	NOT APPLICABLE No new allotments are created as a result of this application. The proposed development occurs within an existing allotment.
PC37 Reconfiguration may take place in the form of	AS37 Community Title subdivisions within Precincts A-C (Industrial) are provided,	NOT APPLICABLE No new allotments are created as a result of this application. The proposed

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Community Title subdivision, allowing for sharing of space, facilities and services, while at the same time ensuring allotments created are suited to the intended businesses/industries.	which: a) are consistent with the Acceptable Solutions for PCs 32-36; b) generally maintain a minimum lot size of 100- 200m² within a minimum overall site area of 2,000m²; c) are not used for heavy manufacturing, metal/food processing, or noxious, offensive or hazardous industries.	development occurs within an existing allotment.
ROAD DESIGN		
PC38 Roads are provided so as to form a road hierarchy, with each road serving a particular function according to the intended land use characteristics of the estate, expected traffic volumes and types, and external existing and future road linkages to anticipated development on adjoining lots.	AS38.1 Concept plans submitted with reconfiguration and/or development applications identify all roads proposed to be upgraded and/or newly constructed and their intended function within a road hierarchy. AS38.2 Concept plans submitted with reconfiguration and/or development applications identify road connections with adjacent allotments that will promote connectivity; and AS38.3 Proposed road hierarchies are generally consistent with the conceptual road hierarchy identified on the Land Use Classification and Staging Plan.	NOT APPLICABLE No new roads or other such aspects are proposed as part of this development, given the ROL aspect relates solely to the creation of an access easement providing access from a constructed road to allow for fire truck access around the building.
PC39 The width, pavement, curvature, sight distances, intersections, turning radii and design features of roads convey the particular function of each road with the hierarchy mentioned in AS33.3, and reflect the nature of traffic management. In particular, road design ensures the safe movement of heavy articulated vehicles.	AS39.1 Road design and construction is in accordance with Planning Scheme Policy 11 - Land Development Guidelines and the Table to this Acceptable Solution. AS39.2 Distances between intersections are not less than 60 metres. AS39.3 Streets intersect at right angles, or as near as topography or other limiting factors permit. AS39.4 Various vehicle control devices are used to regulate traffic speed and enhance pedestrian safety (such as traffic lights and illuminated pedestrian crossings). AS39.5 Paving surfaces, landscape treatment and signage are used to define entrances to the estate and joint use areas within the estate AS39.6 Road pavements are designed and constructed for long life, hard wearing and suitability to the load capacity of expected vehicles. AS39.7 Median strips, roundabouts and footpaths are to be aesthetically treated and planted and paved accordingly; and AS39.8 The design of road networks avoids the use of culs-de-sac.	NOT APPLICABLE No new roads or other such aspects are proposed as part of this development, given the ROL aspect relates solely to the creation of an access easement providing access from a constructed road to allow for fire truck access around the building.
PC40 The alignment of roads reflects the physical land	AS40.1 Road drainage is designed and situated along natural drainage courses.	NOT APPLICABLE No new roads or other such aspects are proposed as part of this development, given

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characteristics, and provides adequate drainage and safety.	AS40.2 Road grades are established to avoid excessive grading, indiscriminate removal of ground cover and tree growth, and unnecessary topographical levelling.	the ROL aspect relates solely to the creation of an access easement providing access from a constructed road to allow for fire truck access around the building.
PC41 A network of pedestrian paths and cycleways is provided which considers: a) expected levels of pedestrian and cyclist activity; b) linkages between public transport, major employment activities, and parks; c) recreation opportunities along open space corridors; d) safe integration of users and vehicles, particularly at intersections; e) provision of bicycle end-of-trip facilities.	AS41.1 Footpaths are provided as follows: a) on both sides of all future major industrial roads. b) as specified in any relevant Council adopted strategy. AS41.2 Paths are designed and constructed in accordance with Council standards and AUSTROADS Part B . AS41.3 Features such as signs, road markings, lighting, paving, bollards and street furniture are provided to enhance the safety and amenity of foot/cycle paths. AS41.4 Bicycle end-of-trip facilities are provided in accordance with the requirements outlined in the Table to Acceptable Solution AS41.4 .	NOT APPLICABLE No new roads or other such aspects are proposed as part of this development, given the ROL aspect relates solely to the creation of an access easement providing access from a constructed road to allow for fire truck access around the building.
PC42 The road network is designed to accommodate the extension and integration of the public transport system, with accessible linkages and routes and stops providing for passenger comfort without obstructing traffic flow.	AS42 For major industrial roads, constructed to a Industrial Collector standard, a minimum 3.5m parking lane is to be line marked and maintained to allow for future bus routes/stops.	NOT APPLICABLE No new roads or other such aspects are proposed as part of this development, given the ROL aspect relates solely to the creation of an access easement providing access from a constructed road to allow for fire truck access around the building.
SITE ACCESS		
PC43 Site access is designed and constructed to provide for the safe ingress/egress of vehicles to the site.	AS43 Vehicular access to the site is designed and constructed in accordance with Council, Department of Main Roads and AUSTROADS standards, and/or the following minimum requirements: a) comprises a single vehicular driveway (entrance/exit), wherever possible; b) is not closer than ten metres to an intersecting street on the same side of the street; c) provides a minimum sight distance of 110 metres; d) shares adjoining property access driveways, wherever possible; e) always enters the street at right angles; f) where the site has frontage to two roads, access is taken off the secondary/minor road, if possible; g) where separate entry and exit driveways	COMPLIES WITH AS43 The development proposes two vehicular crossovers onto Coastlink Court, each providing entry and exit. The crossovers provide for different vehicular access, enter and exit the road at a right angle, are not closer than 10m to any intersecting streets and provide for minimum site distances.

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	are used, the first driveway reached from the kerbside land is clearly delineated and signposted.	
PC44 Treatment of access points to the site maintains appropriate sight distances and visually enhances its identification.	AS44 Access points incorporate decorative paving treatment and landscaping which distinguishes the access point, but which does not obstruct the safe sight distance requirements outlined above.	COMPLIES WITH AS44 Ample landscaping is provided whilst not limiting sight lines for entry and exit to the site.
PC45 Provision is made for safe pedestrian and disabled access.	AS45.1 Pedestrian paths designed for disabled access are provided between building entrances, public footpaths and car parking areas. AS45.2 Pedestrian paths are separated from vehicular driveways.	COMPLIES WITH AS45 Any pedestrian paths required as a part of the development will be designed to accommodate disabled access and will remain separate from vehicular driveways.
AMENITY PROTECTION		
PC46 The proposed use must not detract from the amenity of the local area, having regard, but not limited, to the impact of: a) noise; b) hours of operation; c) traffic; d) lighting; e) signage; f) visual amenity; g) privacy; h) odour and emissions.	AS46 No acceptable solution provided.	COMPLIES WITH PC46 The proposed use is not known to significantly detract amenity of the surrounding area. Further, the development will mitigate against or enhance amenity for some aspects listed, including visual amenity through the use of landscaping and the high-quality architectural design of the building.
PC47 The proposed development must take into account and seek to ameliorate any negative aspects of the existing amenity of the local area, having regard, but not limited, to the existing impact of: a) noise; b) hours of operation; c) traffic; d) lighting; e) signage; f) visual amenity; g) privacy; h) odour and emissions; i) dust; and j) vibration.	AS47 No acceptable solution provided.	COMPLIES WITH PC47 The development seeks to establish a high-quality use that strives to maintain and enhance levels of amenity within the surrounding area through its design, built form, landscaping and buffering, ensuring no negative effects on amenity. Traffic impacts are assessed and addressed within the Traffic Impact Assessment Provided.
URBAN/RURAL USE CONFLICTS		
PC48 Conflicts between urban and rural uses are to be avoided by effective development design.	AS48 The development of land adjacent to the agricultural character areas includes a suitable buffer.	NOT APPLICABLE – The subject site adjoins other industrial uses and maintains a distance of more than 700m from the nearest rural use or agricultural use.
EXTRACTIVE INDUSTRY		

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PC49 Extractive industry operations are managed to make effective use of the extractive resource, while containing any impacts on the subject site.	AS49 The extractive industry is managed and developed consistent with the Extractive Industry Domain Place Code.	NOT APPLICABLE There is no aspect of extractive industry proposed.
ON-SITE VEHICLE PARKING AND MOVEMENT		
PC50 Internal driveways are provided for safe and easy maneuvering of vehicles.	AS50.1 Internal driveways are designed and constructed to enable all vehicles to enter and exit the site in a forward motion. AS50.2 Minimum driveway widths are as follows: a) eight metres to accommodate non-articulated vehicles; b) ten metres to accommodate articulated vehicles; c) 4.5 metres for one-way driveways.	COMPLIES WITH AS50.1 – AO50.2 The development provides ample room and opportunity for all vehicles that require access to enter and exit in a forward gear.
PC51 On-site vehicle parking is located: a) to allow easy access to building entrances; b) to provide visitor spaces for short term/high turnover use clearly visible from the street and signposted accordingly; c) to be adequately screened from the street; d) compatible with surrounding development and, where possible, facilitating shared use with adjacent land users.	AS51.1 In areas where visual amenity is important and/or where relatively large amounts of parking are provided, parking areas are generally situated to the rear or side of the site. In particular, employee parking is situated at the rear of the site, with staff entrances at the rear of the building. AS51.2 Some parking may be located toward the front of the site convenient to the street, provided it is behind landscaping strips and treated aesthetically. AS51.3 Short term/high turnover visitor parking and disabled parking spaces are located close to the main building entrance and clearly signposted. AS51.4 Driveways and parking areas may be constructed to property boundaries and linked to adjoining car parking areas. Similarly, loading areas may be located to facilitate shared turning areas across property boundaries.	COMPLIES WITH AS51.1 Parking areas are located behind generous landscaping to avoid impacts to amenity and large expanses of unattractive hardstand and have been positioned to the side of the warehouse, abutting the adjoining amgrow lot. COMPLIES WITH AS51.2 The parking area is situated behind generous landscaping to ensure positive visual amenity is maintained. COMPLIES WITH AS51.3 Short-term visitor spaces and PWD parking is located in close proximity to the main building entrance at the front of the site. COMPLIES WITH AS51.4 Parking areas have not been constructed to property boundaries, nor do any of the loading areas require shared turning across property boundaries.
LOADING AND UNLOADING		
PC52 All loading and unloading activities take place on site.	AS52 Loading docks are located in the side or rear portions of the site, separate from public/visitor parking and access points, and screened by vegetation or walls to avoid public view.	COMPLIES WITH PC52 Designated loading zones are located within the southern portion of the site.
PC53 Adequate provision is made for on-site manoeuvring of service vehicle/s.	AS53.1 On sites over 4,000m² and/or where the uses thereon involve regular servicing by service vehicle/s, on-site service areas are provided. On-site service areas comprise an area of land with an appropriate hard surface to enable a service vehicle/s to turn around within the site (based on standard design turning templates given by AUSTROADS AS 2890.1, 2890.2), and space for additional service vehicle parking and storage requirements.	COMPLIES WITH PC53 The site is well over 4,000m² and provides full on-site manoeuvring for all service vehicles.

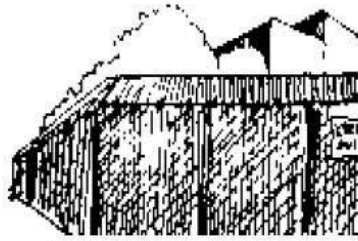
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	AS53.2 It may be acceptable for two or more developments to share service vehicle/s turning areas.	
SITE SERVICING		
PC54 The design and provision of water, stormwater drainage, sewerage, electricity, gas and communications networks meets the needs of industry and business, and provides an orderly and economic progression of servicedevelopment in the region.	AS54.1 The design and supply of water, stormwater drainage, sewerage, electricity, gas and communication services is in accordance with therequirements of Planning Scheme Policy 11 – Land Development Guidelines and the responsible authority (e.g. Telstra, QueenslandElectricity Boards, and Queensland Emergency Services). AS54.2 Car park entrances and ramps, loading docks andaccess ways are minimised, suitably designedand treated to ensure that they do not adversely impact on the streetscape and adjoiningdevelopment.	COMPLIES WITH AS54.1 The subject site has access to all necessary services and service infrastructure. COMPLIES WITH PC54 Site access has been minimised to two crossovers from one frontage, seeking to separate heavy from light duty vehicles, minimising potential risk.
PC55 Conflicts between pedestrians and vehicles atentrance points to parking areas are to be minimised.	AS55.1 The number of vehicle entry points to a development site is minimised, particularly in areas which have high volumes of pedestrian traffic and on streets with a significant through road function. AS55.2 Entrance points to parking and loading areas have clear and unobstructed visibility of pedestrian pathway areas, with pedestrian crossing points clearly identified which give priority to pedestrians.	COMPLIES WITH PC55 The subject site proposes four vehicular crossovers spread across the site's three road frontages. Conflicts between pedestrians and vehicle entrance points are minimised to the greatest extent possible, given there is sufficient separation between the various entry/exits on site. Further, given the site is located within a heavily industrial area, pedestrian travel is not expected to be high.
PC56 Development is to be designed to support thefunctional operation of the cycle network.	AS56 Development is designed to support the functionaloperation of the local and regional cycleway system. (Local cycle ways will be determined at time of subdivision of each development.)	COMPLIES WITH AS56 The development provisions bicycle parking and end of trip facilities supporting the use of the active transport network.
PUBLIC CONVENIENCE FACILITIES WITHIN BUILDINGS		
PC57 Commercial developments are to include public convenience facilities, where there is a need for their provision.	AS57 Where provided, public toilet facilities are open and readily accessible to the general public duringretail trading hours or other trading hours relevantto the development.	AS57 - NOT APPLICABLE No public toilets or amenities are proposed.

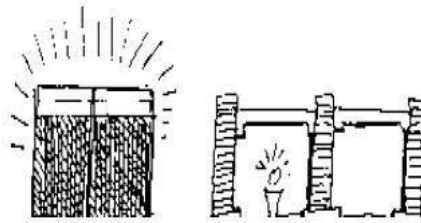
Figure to Acceptable Solution AS5.1

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Negative Fences

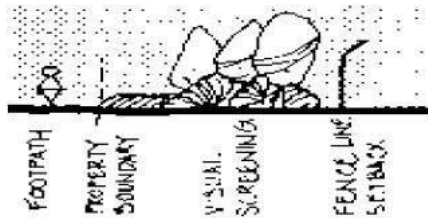


High security fencing on street alignment dominated streetscape.

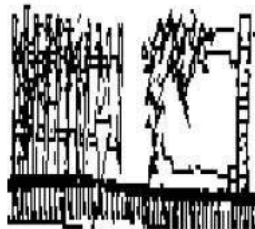


Chain fencing has a prison-like effect and is highly reflective. Height barriers can be visually intrusive.

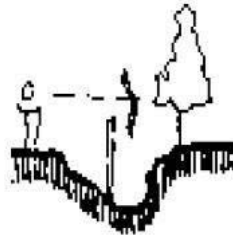
Positive Fences



Unattractive fencing should be placed inside the front alignment and planted out.



Palisade of pickets set close together with horizontal rails that climbers might use. Solid masonry fence supporting vine.



Obtrusive fence placed in a swale to minimise visual impact.

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Table to Acceptable Solutions AS8.1.2

COLUMN 1	COLUMN 2
This table sets out the minimum number of car parking spaces required according to the use of the land. For each Material Change of Use, listed in Column 1, the minimum number of car parking spaces to be provided is listed in Column 2. Where the number of car spaces calculated, using Column 2, is not a whole number, the number of car parking spaces required shall be the next higher whole number.	
Warehouse	Two (2) spaces per tenancy or lot, plus one (1) space per 50m ² of GFA up to 500m ² , plus one (1) space per 100m ² of GFA over 500m ² .
All other Uses	Two (2) spaces per tenancy or lot, plus one (1) space per 50m ² of GFA up to 500m ² , plus one (1) space per 100m ² of GFA over 500m ² .

Table to Acceptable Solutions AS41.4

Note:- b) Type/Class as defined in, AS2890.3 Parking facilities – Part 3: Bicycle Parking Facilities			
Land Use	Long and Medium Term Bicycle Parking Spaces (Type/Class 1)	Short Term Bicycle Parking Spaces (Type/Class 3)	Additional End-of-Trip Facilities
Service Industry	1 per 400m ² GFA when within 800m to a light rail station otherwise, 1 per 800m ² GFA	1 per 200m ² GFA	No
Industry	1 per 150m ² GFA	N/A	No
Showroom	1 per 800m ² GFA	1 per 200m ² GFA	No
Warehouse	1 per 800m ² GFA	N/A	No
Any other land use	As determined by Council		



Part 7 Codes

Division 2 Specific Development Codes

Chapter 39 Works for Infrastructure

1.0 Purpose

This code seeks to ensure that all works for infrastructure, including roads, stormwater drainage and the provision of public utilities and services including sewerage reticulation, water supply reticulation, electricity and street lighting, reticulated gas and ancillary works are provided with best management land development practices in accordance with **Planning Scheme Policy 11 – Land Development Guidelines**.

This code also seeks to promote development that is more sustainable. This is to be facilitated through the design and provision of water and sewerage infrastructure to and within allotments that:

- § reduces consumption of potable water by implementing measures that enable the sustainable use of recyclable water for non-potable uses;
- § is cost effective over its life cycle; and
- § minimises the potential for stormwater and ground water to enter the City's wastewater system.

2.0 Application

- 2.1 This code applies to development indicated as code assessable by the Table of Development in the domain or Local Area Plan (LAP), within which the development is proposed.
- 2.2 The provisions of this code apply to the life of any development, as well as to the construction period of the development. All information required to support an application, including engineering analyses, calculations, reports and drawings, shall be in accordance with **Planning Scheme Policy 11 – Land Development Guidelines**.
- 2.3 Performance Criteria PC1-PC11 apply to all code and impact assessable development subject to this code.

3.0 Development Requirements

Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
Development that is Code Assessable or Impact Assessable			
Road Design and Construction			
PC1 All roads must be designed and constructed to address connectivity, functionality, safety and serviceability of the road network and to ensure a functional road hierarchy.	AS1 The road is designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines .	NOT APPLICABLE No new roads are proposed.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
Stormwater Drainage Design and Management			
PC2 Stormwater drainage design and construction must: a) integrate hydrologic and hydraulic elements; b) demonstrate a feasible and functional drainage system; and c) not cause adverse stormwater drainage impacts on areas external and internal to the site.	AS2.1 Stormwater drainage system is designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines. AS2.2 The stormwater drainage system connects to a legal point of discharge.	COMPLIES WITH AS2.1/2.2 The proposed development adheres to an approved stormwater management plan already constructed as part of Stage 1 of the Vantage estate.	
Street Lighting			
PC3 Street lighting must be provided to enhance safety and amenity of pedestrians and to improve traffic operations at intersections and hazardous locations.	AS3 Street lighting is designed and located in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines.	COMPLIES WITH AS3 – Existing Street lighting will be retained.	
Water Supply Reticulation Design			
PC4 Water supply reticulation must be provided to convey potable water to all properties with adequate quality, pressure and volume of flow for household and fire fighting purposes. (Except properties in the Rural and Conservation Domain).	AS4 Water supply reticulation is designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines.	COMPLIES WITH AS4 – The proposed development will connect to available water supply within the adjacent road.	
Sewerage Reticulation Design			
PC5 Sewerage reticulation must be provided to ensure adequate quality, having regard to health and environmental issues relating to the provision of sewer infrastructure.	AS5 Sewerage reticulation is designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines.	COMPLIES WITH AS5 – The proposed development will connect to available sewer network within the adjacent road.	
Open Space Design			
PC6 Open space areas must be designed to an	AS6 Open space areas are designed and	NOT APPLICABLE The development does not include any	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
appropriate standard, having regard to their intended recreational and environmental values	embellished in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines .	aspects for Open Space.	
Off Street Vehicle Parking			
PC7 Car parking areas must be located and designed to encourage their use in preference to on street parking, having regard to relative walking distances and visibility from the road.	AS7 Car parking areas area located and designed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines .	COMPLIES WITH AS7 The proposed development provides car parking areas in accordance with PSP11.	
Driveways			
PC8 Driveways must be designed to ensure convenient access of vehicle to road, including manoeuvring of heavy vehicles and service vehicles.	AS8 Driveways are designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines .	COMPLIES WITH AS8 The proposed driveways are designed and constructed accordingly, and provide convenient, unobstructed access for all relevant vehicle types.	
Developer Infrastructure Contributions			
PC9 Infrastructure developer contributions must be provided in accordance with the Priority Infrastructure Plan.	AS9 No Acceptable Solution provided.	COMPLIES WITH PC9 Infrastructure contributions will be paid in accordance with the current charges regime.	
PC10 For premises identified on Overlay Map OM25 – Future Water Innovations as being within the Pimpama-Coomera Water Future Master Plan Area, a dual water reticulation system must be provided to enable future conveyance to the development of recycled water for non-potable uses in addition to the conveyance of potable water.	AS10.1 A dual water reticulation system is designed and constructed in accordance with relevant sections of Planning Scheme Policy 11 – Land Development Guidelines . AS10.2 The development is connected to Council's potable water and recycled water supply reticulation systems at any points nominated by Council.	NOT APPLICABLE Dual reticulated water is not proposed.	
PC11 For premises identified on Overlay Map OM25 – Future Water Innovations as being	AS11 Reduced infiltration gravity sewers are designed and constructed in accordance with	NOT APPLICABLE Subject site not identified on Overlay Map OM25.	



Performance Criteria	Acceptable Solutions	How does the proposal comply with the Acceptable Solution or Performance Criteria?	Internal Use: Has compliance with the Acceptable Solution/ Performance Criteria been demonstrated? Is a request for further information required?
within the Pimpama-Coomera Water Future Master Plan Area, sewerage infrastructure must be designed to minimise inflow and infiltration.	the relevant sections of Planning Scheme Policy 11 – Land Development Guidelines .		