30 November 2015

The Director General
Department of Planning
GPO Box 39
Sydney NSW 2000

Attention: Mr Chris Ritchie

Dear Chris

STATE SIGNIFICANT DEVELOPMENT
EXISTING RESOURCE RECOVERY FACILITY 20 HEARNE STREET, MORTDALE

We are writing on behalf of Hearne Street Pty Ltd (Hearne St) in relation to an existing resource recovery facility at 20 Hearne Street, Mortdale. The purpose of this letter is to request that the Secretary-General issue the environmental assessment requirements for the preparation of an Environmental Impact Statement (EIS) to address proposed alterations to the facility, as described in this submission.

The Mortdale resource recovery facility is currently operating under an approval granted by Hurstville City Council on 8 June 2011, as amended (Council ref 10/DA-55) for a 'waste transfer facility'.

This proposal seeks to make the following alterations to the existing facility which includes:

- Replacement of existing weighbridge with two larger weighbridges;
- Construction of new shed and awning with a combined area of 2,534m2 to house all site processing operations;
- Construction of an ancillary office building, and
- Installation of pollution control equipment.

The site operator, Mortdale Recycling Pty Ltd (Mortdale Recycling), is also seeking to increase the quantum of waste material that can be handled at the existing facility to 300,000 tonnes per annum. The proposed works will improve the efficiency, safety and environmental impact of the existing facility.

Mortdale Recycling is one part of a group of companies known as Bingo Industries. Bingo Industries is the largest skip bin business in New South Wales with an extensive range of waste collection services including household waste, building and construction waste and commercial and industrial waste. These services are supported by operations that include resource recovery centres, including the subject site. Bingo Industries holds AS/NZ4801 accreditation for workplace health and safety (WHS) and has ISO14001accreditation for environmental (E) management standards.

The site is zoned IN2 Light Industrial under the Hurstville Local Environmental Plan 2012. The

existing waste transfer facility falls within the within the group definition of a "waste or resource management facility". Within the IN2 General Industrial zone, development for the purpose of a "resource recovery facility[1]" is permissible with development consent.

Under clause 8 of State Environmental Planning Policy (State and Regional Development) 2011, development is declared to be State Significant development for the purposes of the EP&A Act if, among other provisions, the development is specified in Schedule 1 or 2 of the State and Regional Development SEPP.

Clause 23 of Schedule 1 of the State and Regional Development SEPP relates to waste and resource management facilities and states:

23 ***Waste and resource management facilities***

(1) Development for the purpose of regional putrescible landfills or an extension to a regional putrescible landfill that:
- *(a) has a capacity to receive more than 75,000 tonnes per year of putrescible waste, or*
- *(b) has a capacity to receive more than 650,000 tonnes of putrescible waste over the life of the site, or*
- *(c) is located in an environmentally sensitive area of State significance.*

(2) Development for the purpose of waste or resource transfer stations in metropolitan areas of the Sydney region that handle more than 100,000 tonnes per year of waste.

(3) Development for the purpose of resource recovery or recycling facilities that handle more than 100,000 tonnes per year of waste.

(4) Development for the purpose of waste incineration that handles more than 1,000 tonnes per year of waste.

(5) Development for the purpose of hazardous waste facilities that transfer, store or dispose of solid or liquid waste classified in the Australian Dangerous Goods Code or medical, cytotoxic or quarantine waste that handles more than 1,000 tonnes per year of waste.

(6) Development for the purpose of any other liquid waste depot that treats, stores or disposes of industrial liquid waste and:
- *(a) handles more than 10,000 tonnes per year of liquid food or grease trap waste, or*
- *(b) handles more than 1,000 tonnes per year of other aqueous or non-aqueous liquid industrial waste* (our emphasis).

The existing resource recovery facility, as proposed to be amended, will handle up to 300,000 tonnes of waste per year and satisfies the criteria in Clause 23 in Schedule 1.

To assist in determining the Secretary's requirements relating to the preparation of the EIS, this letter contains background documentation that provides an outline of the existing site operations,

[1] In accordance with the Hurstville LEP, 2012:

waste or resource management facility *means any of the following:*

(a) a resource recovery facility,

(b) a waste disposal facility,

(c) a waste or resource transfer station,

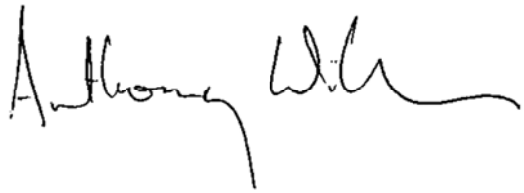
(d) a building or place that is a combination of any of the things referred to in paragraphs (a)–(c).

*"" **resource recovery facility** means a building or place used for the recovery of resources from waste, including works or activities such as separating and sorting, processing or treating the waste, composting, temporary storage, transfer or sale of recovered resources, energy generation from gases and water treatment, but not including re-manufacture or disposal of the material by landfill or incineration.*

sets out the scope of the proposed development and the key environmental and planning issues associated with the proposal. It also describes the site and surrounds.

Should you have any queries in relation to this matter, please do not hesitate to contact the undersigned on 9956 1295.

Yours sincerely,



Anthony Williams
Senior Planner

PRELIMINARY ENVIRONMENTAL ASSESSMENT
WASTE RESOURCE TRANSFER STATION

1.0 THE SITE AND LOCALITY

1.1 The Site

The site comprises an area of 7,510m^2, is legally described as Lot 102 in DP 585775 and known generally as 20 Hearne Street, Mortdale. The site is wholly owned by Hearne Street Pty Ltd. A plan showing the existing site arrangements, prepared by Woolacotts Consulting Engineers (ref 10-1057 SW1), is included at **Attachment A**.

The site is located on the western side of Hearne Street, between Barry Avenue and Boundary Road, approximately 1.4 km to the north-west of Mortdale Railway Station **(Figure 1)**. The site is located within an established triangular shaped industrial precinct bound by Forest Road to the north, Roberts Road to the south, Boundary Road to the east and Lorraine Street to the west. Surrounding development is characterised by a mix of industrial developments including factories, automotive servicing, parts, panel beaters and painters, printing facilities, hardware and general supplies, manufacturing and warehousing. The closest residential receivers are 200 m to the south-east along Barry Street and 250 m to the east, on the opposite side of Boundary Road.

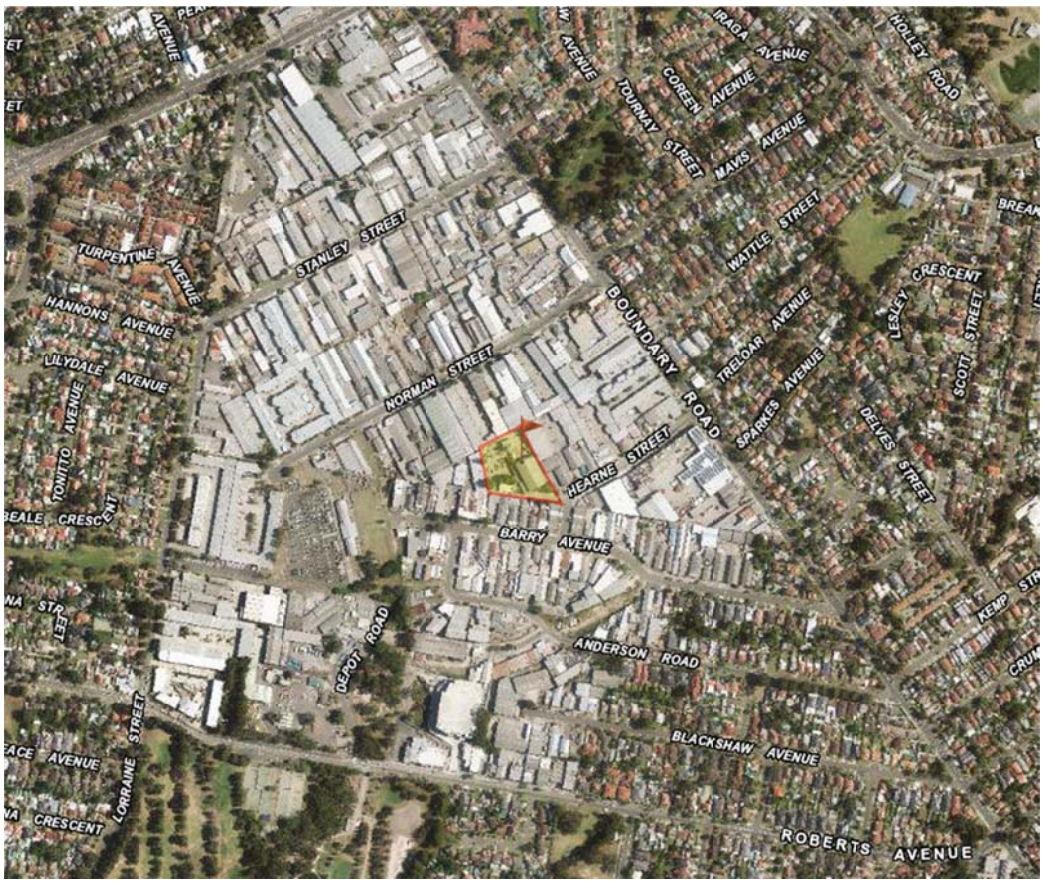


Figure 1 – Location Plan

Figure 2 – Aerial Photograph

The site has been subject to filling to define the current development footprint and facilitate drainage. Finished levels within the site range between RL29.5m AHD adjacent to the Hearne Street driveway crossing to RL26.2m AHD in the north western corner. The existing workshop building has a finished floor level of RL29.25m AHD.

A plan detailing existing improvements and site levels is found at Attachment A

Existing stormwater infrastructure services the building and hardstand areas and drains to the north western corner of the site. Stormwater is conveyed to the existing network in Barry Avenue via an established drainage easement which burdens 56 – 58 Barry Avenue.

1.2 Approvals and Current Operations

The existing facility operates under a development consent issued by Hurstville City Council in 2011 (10/DA55). This consent has recently been modified pursuant to Section 96(1A) of the *Environmental Planning and Assessment Act, 1979* (the EP&A Act) to consolidate several conditions which concern the loading and sorting of waste on site and to remove a condition which limited the amount of material that could be stored on the site to 100 tonnes per day.

Only general solid waste (non-putrescible) is currently accepted at the existing facility. The existing facility separates suitable non-putrescible waste into different recyclable products, with the exact proportion of these recyclable products being dependent upon the waste characteristics and market conditions.

A draft Environmental Protection License (EPL20622) has recently been issued under the *Protection of the Environment Operations Act, 1979* to regulate current operations.

Trucks currently enter the existing facility from Hearne Street and are directed to a receiving or tipping area via the weighbridge where the waste is checked for any 'non-conforming' waste. Any trucks containing 'non-conforming' waste are directed off-site. Trucks then proceed to deposit waste within the existing processing facility. A second inspection is then undertaken. Any 'non-conforming' waste is subsequently removed from the facility. Any sizeable and intact recyclables are also removed from the waste stream and sorted into bays by manual and / or mechanical means.

A front end loader and excavator load the material into the processing area, situated within the proposed shed and awning. The trucks then leave the facility via the internal access road to Hearne Street.

Waste is sorted using equipment such as mobile loaders, magnets and excavators and manually by hand. Materials extracted during the process stage is sorted into separate designated bays (i.e. wood, plastics, metal). Any residual non-conforming waste, or recyclable material without a viable market, would be transferred to a licensed landfill.

The current approved hours of operation for the existing facility are as follows: -

- Monday to Saturday –6:00 am to 6:00 pm.
- The site must not be accessed via Barry Road prior to 7.00 am.

2.0 STATUTORY AND STRATEGIC PLANNING CONTEXT

The following key state legislation and planning instruments currently apply to the site:

- *Environmental Planning and Assessment Act, 1979*
- *Protection of the Environment Operations Act, 1997;*
- *Contaminated Land Management Act, 1997;*
- State Environmental Planning Policy (State and Regional Development, 2011);
- State Environmental Planning Policy (Infrastructure 2007);
- State Environmental Planning Policy – Hazardous and Offensive Development; and
- Hurstville Local Environmental Plan 2012.

2.1 Existing Zoning

The subject site is situated in the IN2 Light Industrial zone under the Hurstville Local Environmental Plan 2012 (refer to zoning extract included at **Figure 3**).

Within the IN2 zone, development for the purpose of a "resource recovery facility[2]" is permissible

[2] In accordance with the Hurstville LEP, 2012:

waste or resource management facility *means any of the following:*

a) a resource recovery facility,

(b) a waste disposal facility,

(c) a waste or resource transfer station,

(d) a building or place that is a combination of any of the things referred to in paragraphs (a)–(c).

resource recovery facility *means a building or place used for the recovery of resources from waste, including works or activities such as separating and sorting, processing or treating the waste, composting, temporary storage, transfer or sale of recovered resources, energy generation from gases and water treatment, but not including re-manufacture or disposal of the material by landfill or incineration.*

with development consent as “any other development” not specified as being “permitted without consent” or “prohibited”.

The proposed “resource recovery facility” falls within the group definition of a “waste or resource management facility”.

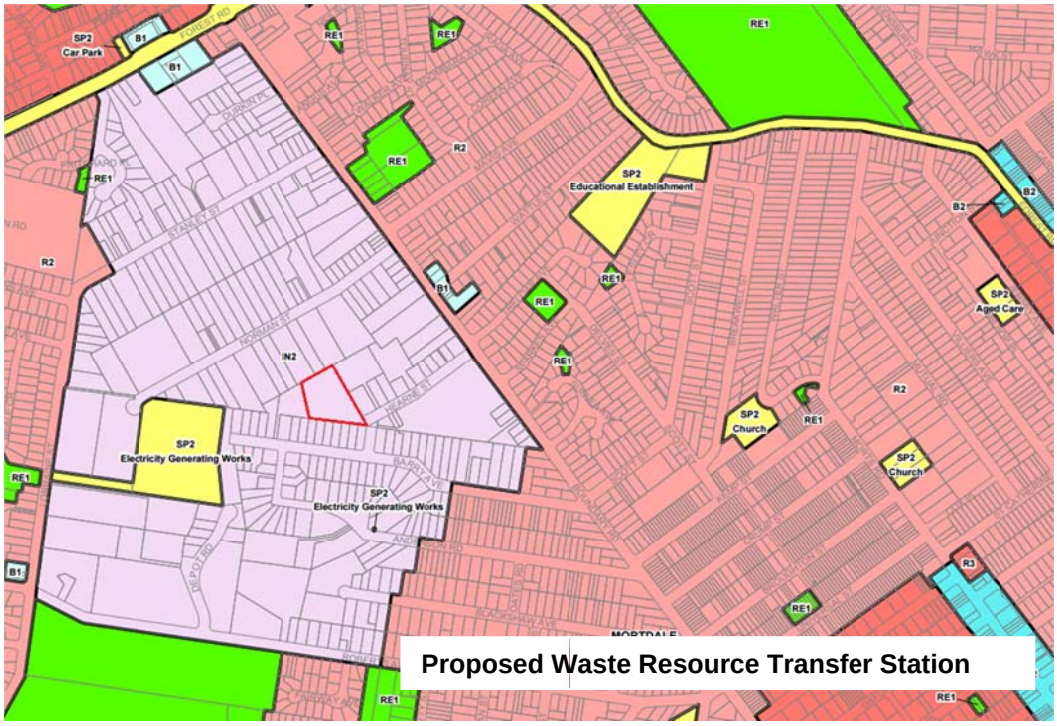


Figure 3 – Zoning Extract

3.0 THE PROJECT

3.1 Overview

The proposed development will seek consent for the following:

- Demolition of existing structures and earthworks;
- Construction of new shed and awning with a combined area of 2,534m^2 to house all site operations;
- Replacement of existing weighbridge with two new weighbridges;
- Construction of an ancillary office building and staff amenities;
- Installation of pollution control equipment to mitigate environmental impacts; and
- Installation of new recycling equipment.

The proposed amendments to the existing resource recovery facility are set out below:

Approved Development	Proposed Amendment
Resource Recovery Operations	
Site area: 7,510m^2	No change
Handling	
30,000 tonnes per annum	300,000 tonnes per annum
Material Storage	
Unlimited, or as regulated by the EPL	No change
Hours of Operation	
Operations	
6am - 6pm Monday to Friday	6am – 10pm Monday to Friday
6am – 6pm Saturdays	6am – 10pm Saturdays
No activity on Sundays or public holidays	No activity on Sundays or public holidays
Transport (truck movements and deliveries to and from the site)	
Prior to 7am - via Boundary Road / Hearne Street only	Vehicle loading and unloading – 24 hours Monday to Saturday. Prior to 7am and after 6pm – via Boundary Road / Hearne Street only
7am – 6pm – Barry Street also permitted	7am – 6pm – Barry Street also permitted
Car / Truck Parking	
22 Car Parking Spaces	12 Car Parking Spaces
15 Truck Parking Spaces	15 Truck Parking Spaces (available outside of operating hours
Number of employees	
6	12 (increase of 6 employees)

A plan of the proposed development is included in **Figure 4** and at **Attachment B**.

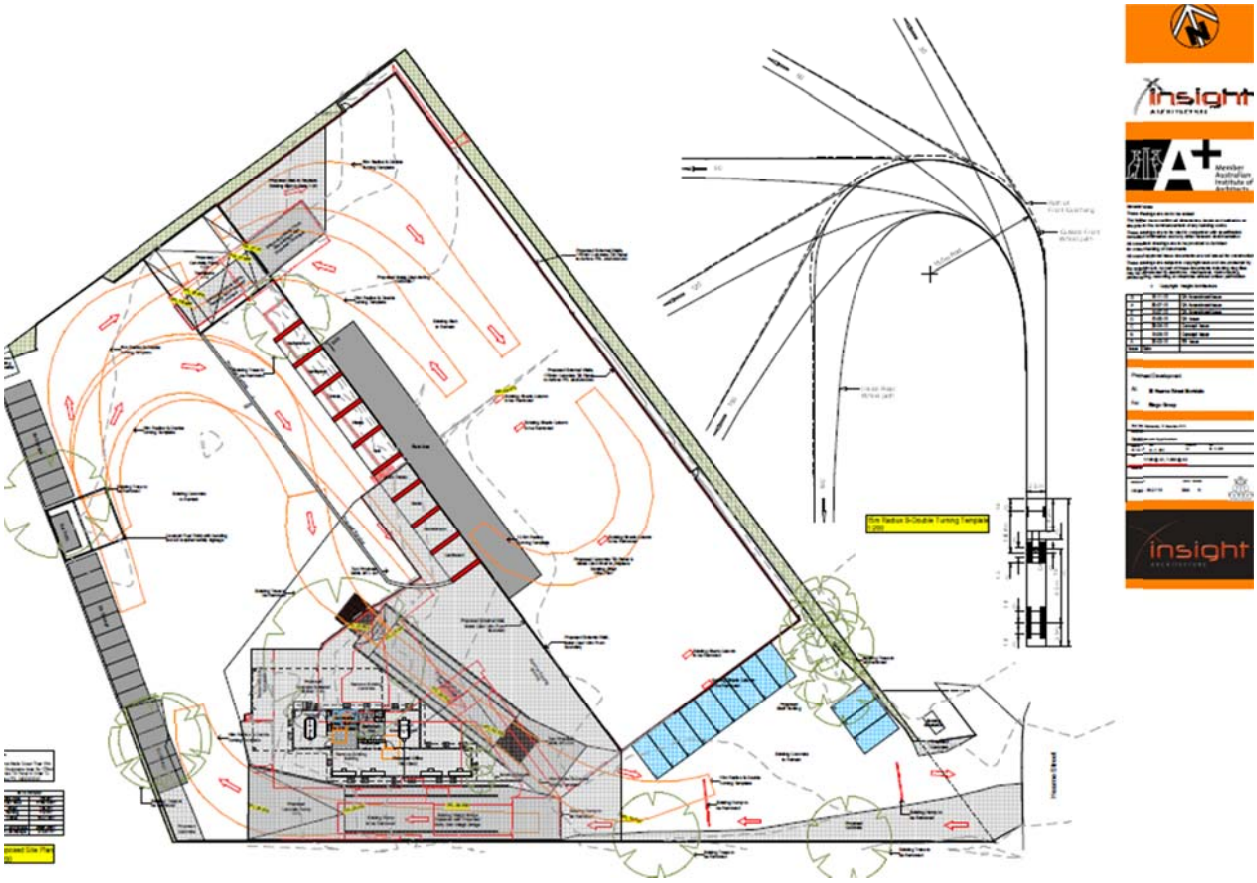


Figure 4 – Proposed Site Layout

The existing development (as proposed to be amended) will utilise existing road infrastructure, other utility installations and will maintain the current site access arrangements and stormwater discharge point. Processing and handling of waste will be undertaken in a manner consistent with the current arrangements.

4.0 PRELIMINARY ENVIRONMENTAL ASSESSMENT

The key environmental and land use planning issues that have been identified as needing to be addressed in the EIS are:

- Stormwater Runoff, soil contamination and flooding;
- Traffic, access and car parking;
- Noise and vibration;
- Hazards and Dangerous Goods;
- Air Quality; and
- Waste Management.

4.1 Stormwater, Soil and Water

The impacts of the proposal on stormwater runoff (peak flow rates and volumes), soil contamination and flooding have been considered in a preliminary assessment undertaken by consulting engineers SLR. SLR have concluded that the current and proposed control measures to be implemented onsite will adequately manage pollutant loading to the stormwater drainage network in relation to the key pollutants of concern including gross pollutants, coarse sediment,

suspended solids and free oils. Given the size of the site in the context of the Lime Kiln Bay catchment, any elevated stormwater pollutant load discharges from the Site are unlikely to pose a significant impact to the health of ecosystems within Lime Kiln Bay and other downstream waterways.

The report recommends the following:

- an inspection and maintenance schedule be developed for the stormwater management system in order to maintain the performance of stormwater management devices;
- litter baskets be installed in all drainage pits onsite rather than inlet screens to improve pollutant capture and retention and reduce the hydraulic impact of incorporating such a device within the pits;
- appropriate controls be installed / implemented within the shed to ensure any residual leachate from waste stockpiles is prevented from being discharged to the stormwater drainage network;
- an exclusion zone for bin / temporary structure storage be maintained around the downstream site stormwater controls to ensure stormwater controls function as intended;
- any dust suppression systems to be installed onsite are appropriately sited and designed to maximise the efficiency and effectiveness of water use for dust suppression; and
- where large increases in water demand for dust suppression are predicted as a result of the Site's future upgrades, it is recommended that the benefits and constraints of the installation of a roof water harvesting system to provide a supplementary supply for non-potable water usage be investigated.

The EIS will document how such measures can be incorporated into the development. The EIS will also provide details surrounding the suitability of adopting such measures during both the construction and operational phases of the project.

4.2 Transport, access and parking

Increasing the capacity of the facility will see an increase in heavy vehicle movements to an average of 150 movements per day. Alterations to the internal manoeuvring, loading / unloading and car parking arrangements are also proposed as part of the broader reconfiguration of site operations.

The EIS will be accompanied by a comprehensive Traffic Impact Assessment and provide details surrounding the suitability of such arrangements with particular regard given to:

- The current and future capability of local and regional road infrastructure;
- The type and frequency of heavy vehicles proposed to utilise the site; and
- The suitability of the proposed site layout to accommodate the predicted heavy vehicle movements from the site.

The EIS will include any recommendations to mitigate the likely impacts of the development on the road network including manoeuvring arrangements and operational management plans. Appropriate consultation with NSW RMS will be undertaken to satisfy the requirements of SEPP (Infrastructure) 2007.

4.4 Noise and vibration

The likely noise and vibration impacts of the proposed development on the receiving environment have been considered in a preliminary acoustic assessment undertaken by consulting engineers SLR. This preliminary assessment has been prepared with regard given to the project specific noise sources, surrounding noise environment and relevant assessment criterion as contained in

the *NSW Industrial Noise Policy*.

The assessment report concludes that the facility will be able to operate at a rate of 300,000 tonnes per annum, in compliance with the project specific noise criteria, based on the adoption of the following recommendations:

- The truck access gate on the south facade of the trommel shed shall be modified or replaced so that it covers the entire opening when shut.; and
- Heavy vehicles shall access the facility via Boundary Road and Hearne Street and shall avoid using Barry Avenue.

The EIS will document how such measures will be incorporated into the development, in particular, as part of the reconfiguration of the site and building design. The EIS will also provide details surrounding the suitability of adopting such measures during both the construction and operational phases of the project.

4.5 Hazards and Dangerous Goods

The existing and proposed operations involve the use and storage of hazardous and dangerous goods, namely Diesel and LPG. A preliminary risk screening and hazard assessment has been undertaken to consider whether the development is "potentially hazardous", consider the cumulative risks for the proposed development and determine whether any further assessment is required.

This assessment gives consideration to the types, quantities and storage locations of goods kept on site. The assessment identifies that the goods planned to be stored on site are below the screening thresholds contained in *Applying SEPP 33 - Hazardous and Offensive Development Application Guidelines* and thus should not be subject to any further studies.

The EIS will confirm the types, quantities, storage locations and storage conditions of any dangerous goods proposed to be stored on site. The EIS will also confirm the proposed frequency transport movements relating to dangerous goods. Where any exceedances to thresholds are identified, the EIS will be supported by a comprehensive *Preliminary Hazard Analysis (PHA)* to determine the cumulative risks associated with the proposal.

4.6 Air Quality

The likely air quality impacts of the proposed development on the receiving environment have been considered in a preliminary Air Quality Impact Assessment (AQIA) undertaken by consulting engineers SLR. This preliminary assessment considers the existing air quality environment and key atmospheric pollutants likely to be generated based on the predicted emission sources identified from current and proposed operations. This assessment report utilises the relevant assessment criterion contained in *Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales (2005)* to set project specific air quality goals for particulate matter and dust deposition.

The assessment report concludes that the facility will be able to operate at a rate of 300,000 tonnes per annum in compliance with the project specific air quality goals. The assessment report proposes the implementation of mitigation and management measures that will assist the facility in maintaining compliance. Such measures include:

- Dust suppression measures including as overhead sprinklers, street sweepers on paved / hard

stand areas;
- Limiting vehicle speed within the site to 5km/hr across the site;
- Checking vehicles for excessive mud and dust prior to leaving the site;
- Regular maintenance of all on site diesel powered plant in accordance with manufacture's specifications;
- Use of a shaker grid;
- Ceasing operations during adverse weather conditions; and
- Development of an Air Quality Management Plan to assign roles and responsibilities for the management of air quality issues such as dust suppression.

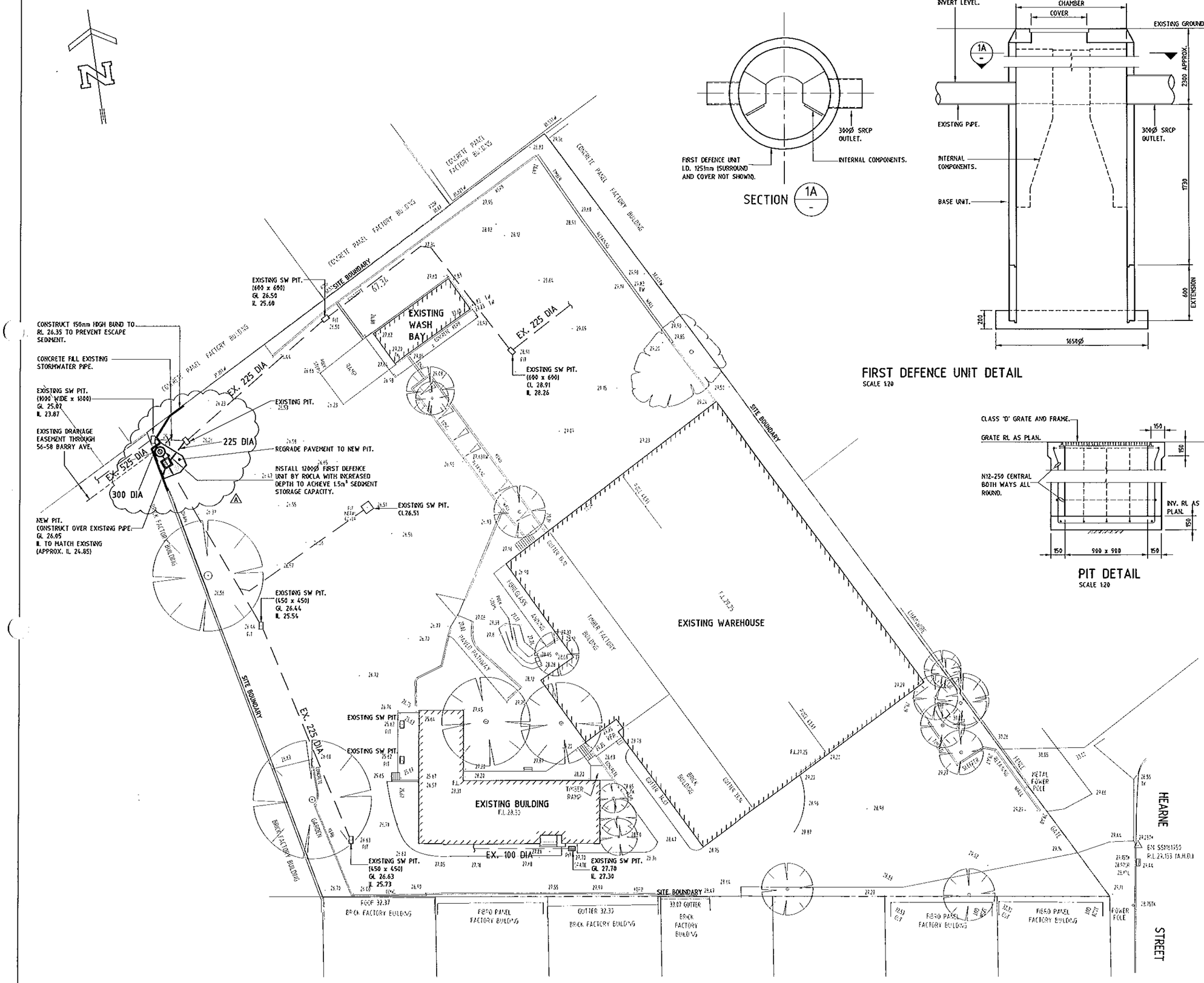
The EIS will document how such measures will be incorporated into the development. The EIS will also provide details surrounding the suitability of adopting such measures during both the construction and operational phases of the project.

4.7 Waste Management

Once fully operational, the facility will retain capacity to handle a number of general solid waste streams (non-putrescible). A detailed list and description of the waste streams is provided in **Attachment C.** The EIS will document how such waste streams are to be managed on site and in the context of regulatory obligations under the *POEO Act, 1997* and the *Waste Avoidance and Resource Recovery Act, 2001.*

General mitigation measures concerning waste management (visual, hazards and fire, noise, vibration etc) will be incorporated into the detail design of the waste resource transfer station to ensure impacts on future surrounding development are not significant.

ATTACHMENT A – EXISTING SITE ARRANGEMENTS



SITE PLAN
SCALE 1:250

FIRST DEFENCE UNIT DETAIL
SCALE 1:20

PIT DETAIL
SCALE 1:20

GENERAL NOTES

G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND AS1100 TECHNICAL DRAWING.

G2 ANY DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.

G3 DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.

G4 ANY SETTING OUT DIMENSIONS SHOWN ON THE DRAWING SHALL BE VERIFIED BY THE BUILDER.

G5 DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE WORKS IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.

G6 ALL WORK SHALL COMPLY WITH THE BUILDING CODE OF AUSTRALIA, CONDITIONS OF THE DEVELOPMENT CONSENT AND RELEVANT AUSTRALIAN STANDARD CODES.

DRAINAGE NOTES

D1 ALL WORKS SHALL BE IN ACCORDANCE WITH AS 3500.3

D2 FOR PIPE DIAMETERS EXCEEDING 150mm, USE:
- CLASS 2 REINFORCED CONCRETE PIPE TO AS 4058 OR
- CLASS 2 FIBRE REINFORCED CONCRETE PIPE TO AS 4139

D3 PVC PIPES SHALL BE SOLVENT WELDED. ALL OTHER PIPES SHALL BE RUBBER RING JOINTED UNLESS NOTED OTHERWISE.

D4 UNLESS SPECIFIED OTHERWISE, BED & BACKFILL SHALL BE COMPACTED SAND TO 100mm ABOVE THE PIPE. REMAINDER OF BACKFILL SHALL BE COMPACTED EXCAVATED MATERIAL. WHEN UNDER VEHICULAR PAVEMENT, REMAINDER OF BACKFILL SHALL BE COMPACTED BASECOURSE.

D5 LOADS ON PIPES DURING CONSTRUCTION SHALL NOT EXCEED THE REQUIREMENT OF AS 3725, OR THE RECOMMENDATIONS OF THE PIPE MANUFACTURER.

D6 TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH AS 3500, BUT NORMALLY THE GREATER OF 1.5 PIPE DIAMETER OR PIPE DIAMETER PLUS 300.

LEGEND

- AREA OF PAVEMENT TO BE REGRADED.
- NEW STORMWATER PIPE
- EXISTING STORMWATER PIPE TO BE CONCRETE FILLED.
- EXISTING STORMWATER PIPE
- EXISTING STORMWATER PIT
- 26.65 EXISTING SPOT LEVEL

No.	Date	Description	Ver.	Appr.
A	21.09.10	EXISTING PIT ADDED.		SETB

Amendment

Woolacotts. Consulting Engineers
Woolacotts Consulting Engineers Pty Ltd
ABN 61 130 113 036
29 Broughton Rd. Artarmon NSW 2064
PO Box 614 Artarmon NSW 1570
Australia
Telephone 02 8448 2800
Facsimile 02 8448 2850
E-mail office@woolacotts.com.au

Project
PROPOSED WASTE FACILITY
20 HEARNE STREET,
MORTDALE

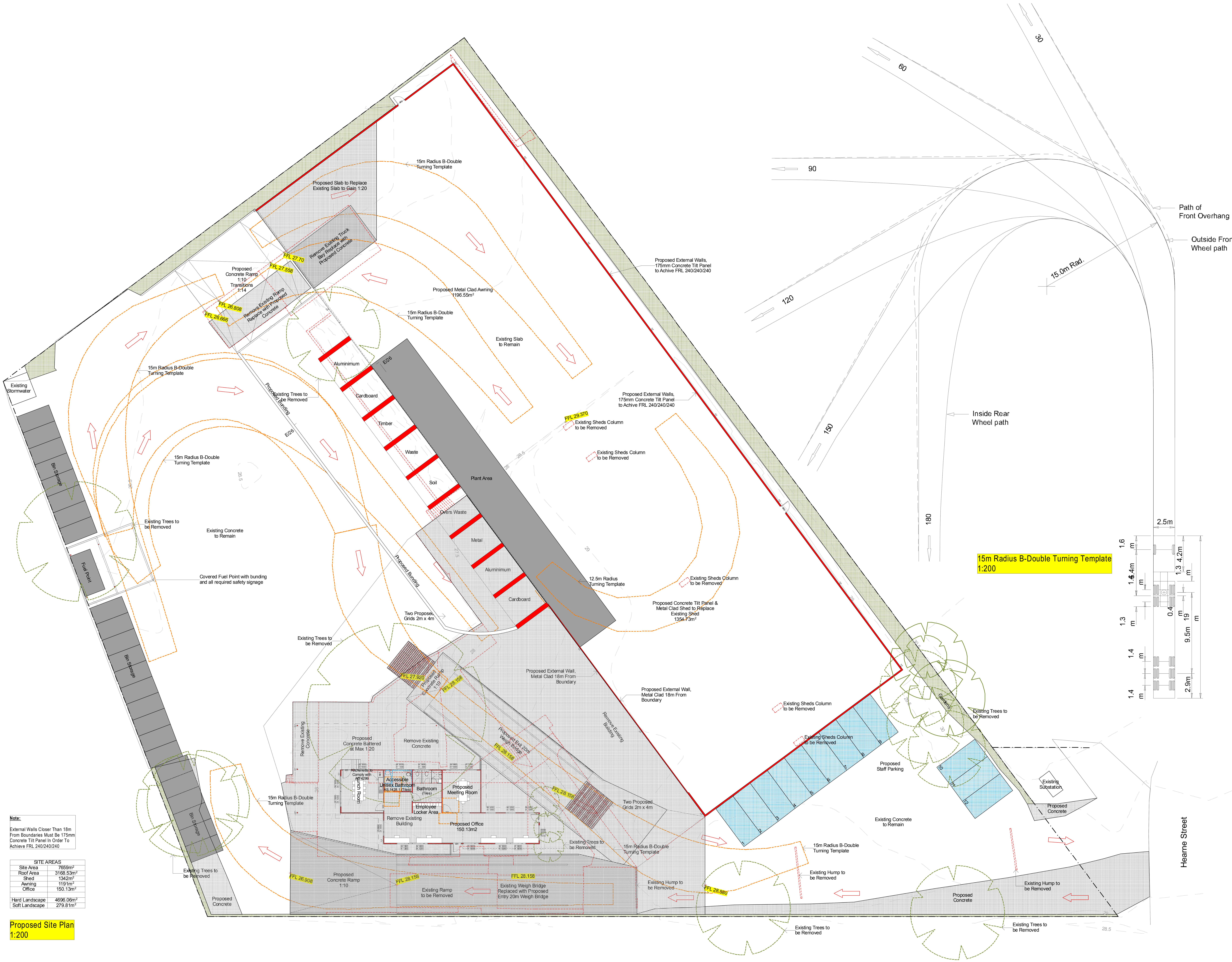
Client
'GET FAST WASTE BINS'
20 HEARNE STREET, MORTDALE

Drawing title
STORMWATER MANAGEMENT PLAN AND DETAILS

Approved	Verified	Prepared	Date	Scale @ A1
SETB 8.9.10		JC 8.9.10	SEPTEMBER 2010	1:250, 20

Job number	Drawing number	Amendment
10-157	SW1	A

ATTACHMENT B – PROPOSED SITE ARRANGEMENTS



15m Radius B-Double Turning Template
1:200

Note:

External Walls Closer Than 18m From Boundaries Must Be 175mm Concrete Tilt Panel In Order To Achieve FRL 240/240/240

SITE AREAS	
Site Area	7659m²
Roof Area	3168.53m²
Shed	1342m²
Awning	1191m²
Office	150.13m²
Hard Landscape	4696.06m²
Soft Landscape	279.81m²

Proposed Site Plan
1:200

insight ARCHITECTURE

Member Australian Institute of Architects

General Notes

These drawings are not to be scaled

The builder must confirm all dimensions, levels and setbacks on site prior to the commencement of any building works

These drawings are to be read in conjuntion with specification consultant information and any other relevant documentation

All consultant drawings are to be provided to Architect for cross checking of documents

All council approval issue documents are not issued for construction

Issue	Date	
G	18-11-15	DA Amendment Issue
F	30-07-15	DA Amendment Issue
E	14-07-15	DA Amendment Issue
D	15-05-15	DA Issue
C	29-04-15	Concept Issue
B	14-04-15	Concept Issue
A	25-03-15	EB Issue

Proposed Development

At: **20 Hearne Street Mortdale**

For: **Bingo Group**

Print Date: Wednesday, 18 November 2015

Drawing Status

Development Application

Drawn By	Date	Checked By	Date
AF / LM / CC	18 - 11 - 2015	CC	18 - 11 - 2015

Scale

1:100 @ A1, 1:200 @ A3

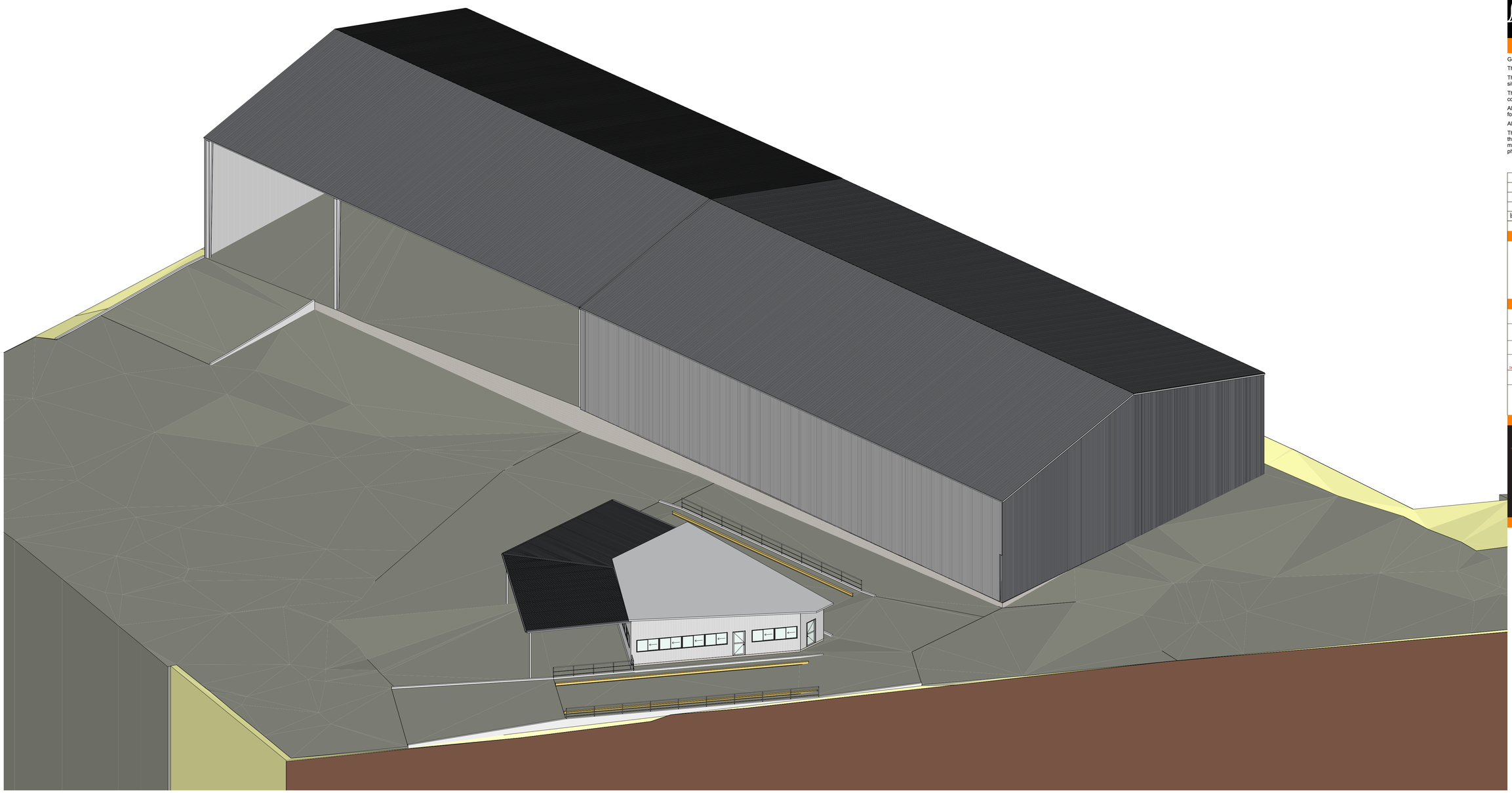
Do not scale drawings verify all dimensions on site before commencement of work

Drawing Title

Drawing Number	STATUS	REVISION
151045 - 03.2 / 19	DAA	G

MEMBER THE ROYAL AUSTRALIAN INSTITUTE OF ARCHITECTS

insight ARCHITECTURE



Concept Four

Issue	Date	
C	29-04-15	Concept Issue
B	14-04-15	Concept Issue
A	25-03-15	EB Issue

Proposed Development

At: **20 Hearne Street Mortdale**

For: **Bingo Group**

Print Date: Wednesday, 29 April 2015

Drawing Status

Existing Buildings

Drawn By	Date	Checked By	Date
AF / LM / CC	29 - 04 - 2015	CC	29 - 04- 2015

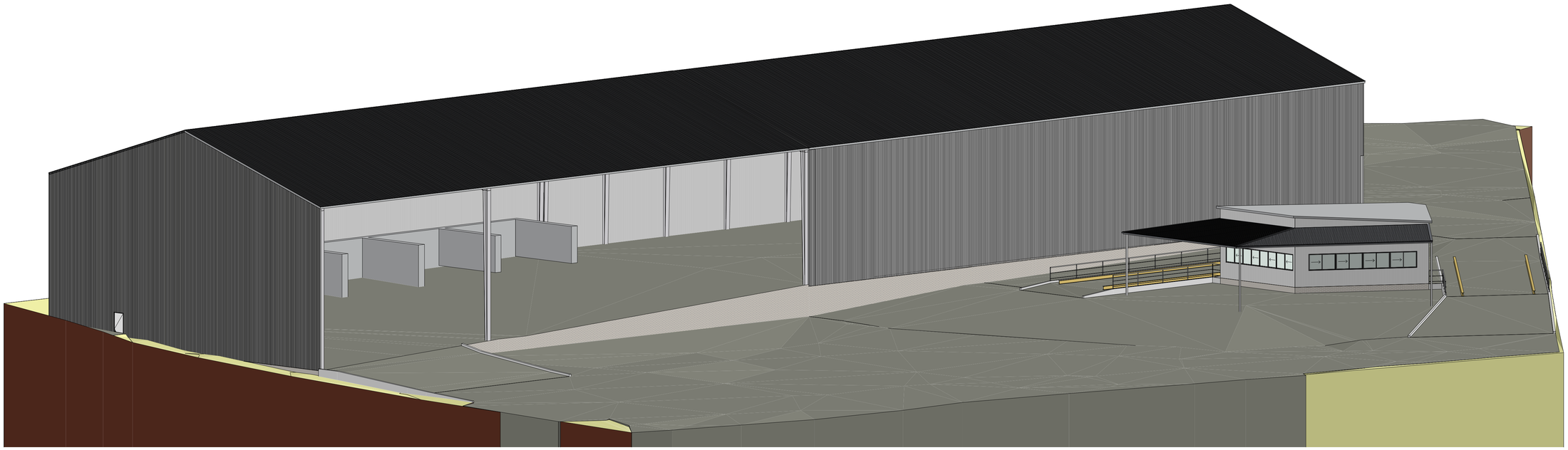
Scale

1:100 @ A1, 1:200 @ A3

Do not scale drawings verify all dimensions on site before commencement of work

Drawing Title

Drawing Number	STATUS	REVISION
151045 - 03.5 / 10	**CON**	**C**



Concept Four

General Notes

These drawings are not to be scaled

The builder must confirm all dimensions, levels and setbacks on site prior to the commencement of any building works

These drawings are to be read in conjuntion with specification consultant information and any other relevant documentation

All consultant drawings are to be provided to Architect for cross checking of documents

All council approval issue documents are not issued for construction

Issue	Date	
C	29-04-15	Concept Issue
B	14-04-15	Concept Issue
A	25-03-15	EB Issue

Proposed Development

At: **20 Hearne Street Mortdale**

For: **Bingo Group**

Print Date: Wednesday, 29 April 2015

Drawing Status

Existing Buildings

Drawn By	Date	Checked By	Date
AF / LM / CC	29 - 04 - 2015	CC	29 - 04- 2015

Scale

1:100 @ A1, 1:200 @ A3

Do not scale drawing verify all dimensions on site before commencement of work

Drawing Title

Drawing Number	STATUS	REVISION
151045 - 03.6 / 10	**CON**	**C**

ATTACHMENT C – PROPOSED WASTE STREAMS

Waste	Description	Activity	Other Limits
Any waste received on site that is below licencing thresholds in Schedule 1 of the POEO Act, as enforced from time to time		-	
General solid waste (non-putrescible)	Virgin excavated natural material as defined in Schedule 1 of the POEO Act, in force from time to time	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery*	
General solid waste (non-putrescible)	Building and demolition waste as defined in Schedule 1 of the POEO Act, in force from time to time	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery*	
General solid waste (non-putrescible)	Soil that meet the CT1 thresholds for general solid waste in Table 1 of the Waste Classification Guidelines as in force from time to time with the exception of the maximum threshold values for contaminants specified in the 'Other Limits' column	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery*	Arsenic 40mg/kg; Cadmium 2mg/kg; Copper 200mg/kg; Mercury 1.5mg/kg; Zinc 600mg/kg; Petroleum Hydrocarbons C6-C9 150mg/kg; Petroleum Hydrocarbons C10-C36 1600mg/kg; Polycyclic aromatic hydrocarbons 80mg/kg Polychlorinated biphenyls (individuals) 1mg/kg. No Acid Sulfate Soils or potential Acid Sulfate Soil is to be received at the Premises. Soil thresholds will be subject to review from time to time
General solid waste (non-putrescible)	Asphalt waste (including asphalt resulting from road construction and waterproofing works as defined in Schedule 1 of the POEO Act, in force from time to time	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery*	
General solid waste (non-putrescible)	Office and packaging waste (including paper, plastics, glass, metal, timber) that is not contaminated or mixed with any other type of waste	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General solid waste (non-putrescible)	Non -chemical waste generated from manufacturing and services (including metal, timber, paper, ceramics, plastics, thermosets and composites)	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	

Waste	Description	Activity	Other Limits
General solid waste (non-putrescible)	Household waste from municipal clean up that does not contain food as defined in Schedule 1 of the POEO Act, in force from time to time	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery*	Must be removed from premises within 48 hours of arrival. Cannot be stored on Sundays or public holidays
General solid waste (non-putrescible)	Garden waste as defined in Schedule 1 of the POEO Act, in force from time to time	Waste Processing (non-thermal treatment) Waste Storage *Resource Recovery* *Composting*	Composting operations are limited to size reduction of garden waste by shredding, chipping, mulching or grinding. No aerobic or anaerobic biological conversion of organics into humus-like products is to take place. As specified in each particular Resource Recovery Order
General or Specific Exempted Waste	Waste that meets all conditions of a resource recovery order under Clause 91 of the Protection of the Environment Operations (Waste) Regulation 2014	As specified in each particular Resource Recovery Order	
General solid waste (non-putrescible)	Glass, *plastic, rubber, plasterboard, ceramics, bricks, concrete or metal*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General solid waste (non-putrescible)	*Paper or cardboard*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General solid waste (non-putrescible)	*Wood waste*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General solid waste (non-putrescible)	*Any mixture of* wastes *referred to above*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General Solid Waste (non-putrescible)	*Bulky* goods *waste containing building de-fit fittings, fixtures and furniture that* is *not contaminated or mixed with any other type of waste*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	
General solid waste (non-putrescible)	*Waste collected by, or on behalf of local councils from street sweepings*	*Waste Processing (non-thermal treatment)* *Waste Storage* *Resource Recovery*	

Waste	Description	Activity	Other Limits
General solid waste (non-putrescible)	*Grit, sediment, litter,* gross *pollutants collected in and removed from stormwater treatment devices and or stormwater management* systems *that have been dewatered* so *that they do not contain free liquids*	*Waste Processing (non-thermal treatment) Waste Storage*	
General solid waste (non-putrescible)	*Grit and screenings from potable water and water reticulation plants that have been dewatered* so *that they do not contain free liquids*	*Waste Processing (non-thermal treatment) Waste Storage*	
General solid waste (non-putrescible)	*Non putrescible vegetative waste from agriculture, silviculture or horticulture*	*Waste Processing (non-thermal treatment) Waste Storage*	
General solid waste (non-putrescible)	*Cured concrete waste from a batch plant*	*Waste Processing (non-thermal treatment) Waste Storage*	