

APPENDIX A: DEVELOPMENT CONSENT

Development Consent

Section 89E of the *Environmental Planning and Assessment Act 1979*

As delegate for the Minister for Planning under delegation executed on 14 September 2011, the Planning Assessment Commission (the Commission) of New South Wales, approves the Development Application referred to in Schedule 1, subject to the conditions in Schedule 2.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the Development.

Member of the Commission

Member of the Commission

Sydney

2017

SCHEDULE 1

Application No:

SSD 7424

Applicant:

Benedict Industries Pty Ltd

Consent Authority:

Minister for Planning

Site:

Lot 319 DP 11177230

52 Anderson Road, Smeaton Grange

Development:

Construction and operation of a resource recovery facility to process up to 140,000 tpa of general solid waste (non-putrescible)

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DEFINITIONS

Applicant	Benedict Industries Pty Ltd, or any other person(s) authorised to carry out any development to which this consent applies
AS	Australian Standard
Blue Book	Managing Urban Stormwater: Soils and Construction Volumes 1 and 2 (Landcom 2004)
BCA	Building Code of Australia
CEMP	Construction Environmental Management Plan
Certifying Authority	A person who is authorised by or under section 109D of the EP&A Act to issue Part 4A certificates
Construction	The demolition of buildings or works, the carrying out of works, including earthworks, and erection of buildings and other infrastructure permitted by this consent
Council	Camden Council
Day	The period from 7 am to 6 pm on Monday to Saturday, and 8 am to 6 pm on Sundays and Public Holidays
Demolition	The removal of buildings, sheds and other structures on the site
Department	Department of Planning and Environment
Development	The development as described in the EIS and RTS, and as generally depicted in Appendix A
DPI	NSW Department of Primary Industries
Earthworks	Bulk earthworks, site levelling, import and compaction of fill material, excavation for installation of drainage and services, to prepare the site for construction
EIS	Environmental Impact Statement titled <i>Environmental Impact Statement Smeaton Grange Waste Recycling and Transfer Facility</i> , prepared by EMM dated June 2016
ENM	Excavated Natural Material
EPA	NSW Environment Protection Authority
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EP&A Regulation	<i>Environmental Planning and Assessment Regulation 2000</i>
EPL	Environment Protection Licence issued by the EPA under the POEO Act
Evening	The period from 6 pm to 10 pm
FRNSW	Fire and Rescue NSW
General solid waste (non-putrescible)	As defined in Part 3 Schedule 1 of the POEO Act
Heavy vehicle	Any vehicle with a gross vehicle mass of 4.5 tonnes or more
Heritage	Encompasses both Aboriginal and historic heritage including sites that predate European settlement, and a shared history since European settlement
Heritage Item	An item as defined under the <i>Heritage Act 1977</i> , and assessed as being of local, State and/ or National heritage significance, and/or an Aboriginal Object or Aboriginal Place as defined under the <i>National Parks and Wildlife Act 1974</i>
Incident	A set of circumstances causing or threatening material harm to the environment, and/or an exceedance of the limits or performance criteria in this consent
Land	In general, the definition of land is consistent with the definition in the EP&A Act
Management & Mitigation Measures	The Applicant's management and mitigation measures included in Appendix B
Material harm to the environment	Harm to the environment is material if it involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial
Minister	Minister for Planning (or delegate)
Mitigation	Activities associated with reducing the impacts of the development prior to or during those impacts occurring
Night	The period from 10 pm to 7 am on Monday to Saturday, and 10 pm to 8 am on Sundays and Public Holidays
NOW	NSW Office of Water
OEH	Office of Environment and Heritage
OEMP	Operational Environmental Management Plan
Operation	The receipt, sorting, separating, processing and removal of waste
Peak traffic hours	From 8:00 am to 9:00 am and from 3:45 to 4:45 pm
PCA	Principal Certifying Authority authorised under section 109D of the EP&A Act
POEO Act	<i>Protection of the Environment Operations Act 1997</i>

RMS	Roads and Maritime Services
RFS	NSW Rural Fire Service
RTS	Response to Submissions titled <i>Response to Submissions Smeaton Grange Waste Recycling and Transfer Facility</i> , prepared by EMM, dated January 2017
Secretary	Secretary of the Department (or nominee)
Sensitive Receivers	A location where people are likely to work or reside, this may include a dwelling, school, hospital, office or public recreational area
Site	The land listed in Schedule 1
SSD 7424	The development as described in Schedule 1, the EIS and the RTS
tpa	Tonnes per annum
VENM	Virgin Excavated Natural Material as defined by the POEO Act
Waste	Has the same meaning as the definition of the term in the dictionary to the POEO Act
WRTF	Waste Recycling and Transfer Facility
WUSD Guideline	Water Sensitive Urban Design Policy Book 1 (Landcom 2009)

SCHEDULE 2

PART A: ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

- A1. In addition to meeting the specific performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the Development.

TERMS OF CONSENT

- A2. The Development may only be carried out in:
- (a) in compliance with the conditions of this consent;
 - (b) in accordance with the directions of the Secretary;
 - (c) in accordance with the EIS and RTS;
 - (d) in accordance with development layout plans and drawings in the EIS (see Appendix A); and
 - (e) in accordance with the Management and Mitigation Measures (see Appendix B).
- A3. If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall prevail to the extent of any inconsistency.
- A4. The Applicant must comply with all written requirement(s) of the Secretary arising from the Department's assessment of:
- (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent (including any stages of these documents); and
 - (b) the implementation of any actions or measures contained within these documents.

LIMITS OF CONSENT

- A5. This consent lapses five years after the date from which it was granted, unless the Development has physically commenced on the land to which the consent applies before the date on which the consent would otherwise lapse under section 95 of the EP&A Act.
- A6. The Applicant must not receive or process on site more than 140,000 tpa of general solid waste (non-putrescible).
- A7. The Applicant must not exceed the following maximum stockpile volumes detailed in Table 1 on the site at any time, unless otherwise agreed in writing by the Secretary.

Table 1: Maximum Stockpile Sizes

Stockpile	Waste Type	Maximum Volume
Bay 1	Fines (particles of less than 8 mm diameter)	100 m ³
Bay 2	Hand-picked light waste	80 m ³
Bay 3	Timber	80 m ³
Bay 4	Masonry	220 m ³
Bay 5	Masonry	220 m ³
Bay 6	Timber	200 m ³
Bay 7	VENM/ENM	300 m ³
Skip Bin adjacent Bay 1	Ferrous waste	9 m ³
Skip Bin adjacent Bay 1	Non-ferrous waste	2 m ³
Processing shed – west	Bulk light waste	550 m ³
Processing shed – west	Coarse vegetation	180 m ³
Processing shed – central	Mixed demolition with a 20% combustible light weight component	1,100 m ³
Processing shed – east	Plant feed with a 5% combustible light waste component	1,100 m ³
Total		4,141 m³

- A8. The maximum height of all structures and buildings on site must be no more than 11 m from natural ground level.
- A9. The Applicant must ensure that no more than 8 employees are permitted to work on the site at any one time.

STAGED SUBMISSION OF PLANS OR PROGRAMS

- A10. With the approval of the Secretary, the Applicant may:
- (a) submit any strategy, plan or program required by this consent on a progressive basis; and/or
 - (b) combine any strategy, plan or program required by this consent.
- A11. If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program. A clear relationship between the strategy, plan or program that is to be combined must be demonstrated.

REQUEST FOR INFORMATION

- A12. The Applicant must retain all weighbridge records as required by the POEO (Waste) Regulation and for the life of the development. The weighbridge records must be made immediately available on request by the Secretary and/or the EPA.
- A13. The Applicant must retain waste classification records for all wastes received on the site and waste disposed from the site for the life of the development. The waste classification records must be made immediately available on request by the EPA and/or the Secretary.

EVIDENCE OF CONSULTATION

- A14. Where consultation with any public authority is required by the conditions of this consent, the Applicant must:
- (a) consult with the relevant public authority prior to submitting the required documentation to the Secretary or the certifying authority for approval;
 - (b) submit evidence of such consultation as part of the relevant documentation required by the conditions of this consent;
 - (c) describe how matters raised by the public authority have been addressed and identify matters that have not been resolved; and
 - (d) include the details of any outstanding issues raised by the relevant public authority and an explanation of disagreement between any public authority and the Applicant.

STATUTORY REQUIREMENTS

- A15. The Applicant must ensure that all licences, permits and approval/consents are obtained as required by law and maintained as required throughout the life of the Development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approval/consents.

STRUCTURAL ADEQUACY AND CERTIFICATION

- A16. The Applicant must ensure all new buildings and structures, and any alterations or additions to existing buildings and structures are constructed in accordance with the relevant requirements of the BCA.

Note: Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. Part 8 of the EP&A Regulation sets out the requirements for the certification of the Development.

EXTERNAL WALLS AND CLADDING FLAMMABILITY

- A17. The external walls of the building including attachments must comply with the relevant requirements of the NCC. Prior to the issue of a Construction Certificate and Occupation Certificate the Certifying Authority must:
- (a) be satisfied that suitable evidence is provided to demonstrate that the products and systems proposed for use or used in the construction of external walls including finishes and claddings such as synthetic or aluminium composite panels comply with the relevant requirements of the NCC; and
 - (b) ensure that the documentation relied upon in the approval processes include an appropriate level of detail to demonstrate compliance with the NCC as proposed and as built.
- A18. A copy of the documentation required under (b) must be provided to the Secretary within 7 days of being accepted by the Certifying Authority.

UTILITIES AND SERVICES

- A19. Prior to the construction of any utility works associated with the Development, the Applicant must obtain relevant approvals from service providers.
- A20. Prior to the commencement of construction, all approved plans must be submitted to the Sydney Water "Tap In" service to determine if the development will have any impacts on Sydney Water assets.
- A21. Prior to operation of the Development, the Applicant must obtain a Compliance Certificate for water and sewerage infrastructure servicing of the site under section 73 of the *Sydney Water Act 1994*.

PROTECTION OF PUBLIC INFRASTRUCTURE

- A22. Prior to the commencement of construction, the Applicant must:
- (a) consult with the relevant owner and/or provider of services that are likely to be affected by the Development to make suitable arrangements for access to, diversion, protection, and/or support of the affected infrastructure;
 - (b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters and footpaths); and
 - (c) submit a copy of this report to the Secretary and Council.
- A23. Unless the Applicant and the applicable authority agree otherwise, the Applicant must:
- (a) repair, or pay the full costs associated with repairing any public infrastructure that is damaged by the Development; and
 - (b) relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated due to the Development.

COMPLIANCE

- A24. The Applicant must ensure that employees, contractors and sub-contractors are aware of, and comply with, the conditions of this consent relevant to their respective activities.

WORKS-AS-EXECUTED PLANS

- A25. Prior to the issue of the final Occupation Certificate, works-as-executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved, must be submitted to the PCA.

OPERATION OF PLANT AND EQUIPMENT

- A26. The Applicant must ensure that only the plant and equipment listed in Table 2.3 of the EIS is used on site.
- A27. The Applicant must ensure that all plant and equipment used for the Development is:
- (a) maintained in a proper and efficient condition; and
 - (b) operated in a proper and efficient manner.

PART B: ENVIRONMENTAL PERFORMANCE AND MANAGEMENT

NOISE

Hours of Work

- B1. The Applicant must comply with the hours of work detailed in Table 2 unless otherwise agreed in writing by the Secretary.

Table 2: Hours of Work

Activity	Day	Time
Accept waste deliveries and dispatch	Monday – Friday	6 am to 10 pm
	Saturday	6 am to 5 pm
	Sunday	8 am to 4 pm
Waste processing	Monday – Saturday	7 am to 4 pm

- B2. Works outside of the hours identified in Condition B1 may be undertaken in the following circumstances:
- works that are inaudible at the nearest sensitive receivers;
 - for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or
 - where it is required in an emergency to avoid the loss of lives, property and/or to prevent environmental harm.

Construction Noise Management Plan

- B3. Prior to the commencement of construction, the Applicant must prepare a Construction Noise Management Plan (CNMP) for the development to manage high noise generating works to the satisfaction of the Secretary. The CNMP shall form part of the CEMP required by Condition C1 and must:
- be prepared by a suitably qualified and experienced noise expert;
 - be approved by the Secretary prior to the commencement of construction the Development;
 - describe the management and mitigation measures and procedures for achieving the noise management levels in the EPA's *Interim Construction Noise Guideline* (Department of Environment and Climate Change, 2009);
 - identify high emission generating construction activities, including proposed times when these works will be carried out (including respite periods if required) and mitigation measures to minimise adverse impacts from these activities;
 - include strategies that have been developed with the community for managing high noise generating works;
 - describe the community consultation undertaken to develop the strategies in (e) above; and
 - include a complaints management system that would be implemented for the duration of the Development.
- B4. The Applicant must:
- not commence construction until the Construction Noise and Vibration Management Plan required by Condition B4 is approved by the Secretary; and
 - The Applicant must ensure the NVMP (as required and approved by the Secretary from time to time) is implemented for the operational life of the Development.

Operational Noise Criteria

- B5. The Applicant must ensure that noise generated by operation of the Development does not exceed the noise criteria in Table 3.

Table 3: Noise Limits dB(A)

Location	Day	Evening	Night
	L _{Aeq} (15 minute)	L _{Aeq} (15 minute)	L _{Aeq} (15 minute)
All residential receivers	40	40	40

Note: Noise generated by the Development is to be measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy. Refer to the plan in Appendix A for the location of residential sensitive receivers.

Acoustic Fencing

- B6. The Applicant must construct the fencing shown in Appendix A prior to the commencement of construction of any part of the Development.

B7. The boundary fencing should be of a material and colour that has been agreed to by the Secretary.

Operational Noise and Vibration Management Plan

- B8. Prior to the commencement of operation, the Applicant must prepare an Operational Noise Management Plan (ONVMP) for the Development to the satisfaction of the Secretary. The ONVMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C6. The ONVMP must:
- (a) be prepared by a suitably qualified and experienced noise expert;
 - (b) describe all noise sources from the Development;
 - (c) describe the measures that will be implemented to minimise the noise emissions in the area including:
 - (i) the management and mitigation measures to be employed on site;
 - (ii) how the noise impacts of the Development will be minimised during any adverse meteorological conditions or extraordinary events;
 - (iii) identification of high emission generating operational activities, including proposed times when these works will be carried out (including respite periods if required) and mitigation measures to minimise adverse impacts from these activities; and
 - (d) until the Secretary directs otherwise, include a quarterly monitoring program that evaluates and reports on:
 - (i) compliance with the noise criteria specified in Condition B5;
 - (ii) the management actions to be taken to address any exceedances of the criteria specified in Condition B5; and
 - (iii) the contingency measures that will be implemented in the event management actions are not effective in reducing noise levels to an acceptable level;
 - (e) identify the control measures that that will be implemented for each emission source; and
 - (f) defines what constitutes a noise incident, and includes a protocol for identifying noise incidents and notifying the Department and relevant stakeholders of any such incident.
- B9. If in the opinion of the Secretary the monitoring program required by Condition B8(d) demonstrates systemic exceedances of the noise criteria in Condition B5, the Applicant shall not be permitted to operate on the site between the hours of 10 pm and 7 pm.
- B10. The Applicant must:
- (a) not commence operation until the Operational NVMP required by Condition B8 is approved by the Secretary; and
 - (b) ensure the NVMP (as required and approved by the Secretary from time to time) is implemented for the operational life of the Development.

Road Traffic Noise

- B11. Prior to the commencement of construction, the Applicant must prepare a Driver Code of Conduct and induction training for the Development to minimise road traffic noise. The Applicant must update the Driver Code of Conduct and induction training for construction and operation and must implement the Code of Conduct for the life of the Development.
- B12. The Applicant must ensure that all its vehicles are fitted with a broadband reversing alarm.

VIBRATION

Vibration Criteria

- B13. Vibration caused by construction at any residence or structure outside the site must be limited to:
- (a) for structural damage, German Standard *DIN 4150 Part 3 Structural Vibration in Buildings. Effects on Structures*; and
 - (b) for human exposure, the acceptable vibration values set out in the *Environmental Noise Management Assessing Vibration: a technical guideline* (Department of Environment and Conservation, 2006).
- B14. The vibration limits in Condition B13 apply unless an alternative is outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by Condition C1 of this consent.

TRAFFIC AND ACCESS

Parking

- B15. Prior to the commencement of operation, the Applicant must provide 8 parking spaces for staff and 2 parking spaces for visitors on site (including one accessible parking space) to ensure that traffic associated with the Development does not utilise public and residential streets or public parking facilities. Parking areas must be constructed in accordance with the latest version of AS 2890.

B16. No parking is not permitted elsewhere on the site except within the designated parking spaces.

Operating Conditions

B17. The Applicant must ensure:

- (a) internal roads, driveways and parking (including grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) associated with the Development are constructed and maintained in accordance with the latest version of AS 2890.1 and AS 2890.2;
- (b) the swept path of the longest vehicle entering and exiting the site, as well as manoeuvrability through the site, is in accordance with the relevant AUSTROADS guidelines;
- (c) the Development does not result in any vehicles parking or queuing on the public road network;
- (d) all vehicles enter and exit the site in a forward direction;
- (e) heavy vehicles and bins associated with the Development are not parked on local roads or footpaths near the site;
- (f) all vehicles are wholly contained on site before being required to stop;
- (g) all loading and unloading of materials is carried out on-site in designated areas;
- (h) all trucks entering or leaving the site with loads have their loads covered and do not track dirt onto the public road network; and
- (i) vehicle manoeuvring areas must always be kept clear of any obstacles, including parked cars.

B18. All trucks leaving the site must depart via a wheel wash facility to prevent mud, dust or debris from being deposited on Council roads. The wheel wash facility must be designed and constructed in consultation with Council and to the satisfaction of the Secretary prior to commencement of operations.

Operational Traffic Management Plan

B19. Prior to the commencement of operation, the Applicant must prepare an Operational Traffic Management Plan (OTMP) for the Development to the satisfaction of the Secretary. The plan must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C6. The OTMP must:

- (a) be prepared by a suitably qualified and experienced person(s);
- (b) be prepared in consultation with Council;
- (c) detail the measures that are to be implemented to ensure road safety and network efficiency including restricting queuing or parking of vehicles on Anderson Road;
- (d) detail heavy vehicle routes, access and parking arrangements;
- (e) include a Driver Code of Conduct to:
 - (i) minimise the impacts on the local and regional road network;
 - (ii) minimise conflicts with other road users;
 - (iii) minimise road traffic noise;
 - (iv) ensure truck drivers use specified routes; and
 - (v) include a program to monitor the effectiveness of these measures.
- (f) include a Traffic Control Plan (TCP) detailing:
 - (i) the on-site measures to be implemented to control the movement of trucks in and out of the site, as well as onsite; and
 - (ii) provisions for requiring the traffic controller to stop exiting trucks to allow an entering truck to manoeuvre into the site unhindered.

B20. The Applicant must:

- (a) not commence operation until the OTMP required by Condition B19 is approved by the Secretary; and
- (b) The Applicant must ensure the OTMP (as required and approved by the Secretary from time to time) is implemented for the operational life of the Development.

AIR QUALITY

Dust Minimisation

B21. During construction, the Applicant must ensure that:

- (a) exposed surfaces and stockpiles are suppressed by regular watering;
- (b) all trucks entering or leaving the site with loads have their loads covered;
- (c) trucks associated with the Development do not track dirt onto the public road network; and
- (d) public roads used by these trucks are kept clean.

Operational Air Quality Management Plan

B22. Prior to the commencement of operation, the Applicant must prepare an Air Quality Management Plan (AQMP) to the satisfaction of the Secretary. The AQMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C6. The AQMP must:

- (a) be prepared by a suitably qualified and experienced person(s);

- (b) detail and rank all emissions from all sources of the Development, including particulate emissions and odour;
- (c) describe the measures that will be implemented to minimise the potential risks to adverse air quality in the area including:
 - the management and mitigation measures to be employed on site;
 - plant and equipment being maintained to ensure that it is in good order;
 - how the air quality impacts of the development will be minimised during any adverse meteorological conditions or extraordinary events;
 - identification of high emission generating operational activities, including proposed times when these works will be carried out (including respite periods if required) and mitigation measures to minimise adverse impacts from these activities; and
 - compliance with the relevant conditions of this consent including Condition B25; and
- (d) identify the control measures that that will be implemented for each emission source.
- (e) defines what constitutes an air quality incident, and includes a protocol for identifying and notifying the Department and relevant stakeholders of any air quality incidents.

B23. The Applicant must:

- (a) not commence operation until the AQMP required by Condition B22 is approved by the Secretary; and
- (b) The Applicant must ensure the AQMP (as required and approved by the Secretary from time to time) is implemented for the operational life of the Development.

Odour Management

B24. The Applicant must ensure the Development does not cause or permit the emission of any offensive odour (as defined in the POEO Act).

SOILS, WATER QUALITY AND HYDROLOGY

Erosion and Sediment Control

B25. Prior to the commencement of construction, the Applicant must install and maintain suitable erosion and sediment control measures on-site, in accordance with the relevant requirements in the latest version of the *Managing Urban Stormwater: Soils and Construction Guideline* and the Erosion and Sediment Control Plan included in the CEMP required by Condition C1.

Stormwater Management System

- B26. Prior to the commencement of operation, the Applicant must design and install a stormwater management system for the Development. The system must:
- (a) be designed by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary;
 - (b) be generally in accordance with the conceptual design in the EIS;
 - (c) include a storage tank with bunding to capture leachate from the main shed and waste stockpile areas for offsite disposal and treatment;
 - (d) be designed in accordance with applicable Australian Standards;
 - (e) demonstrate that discharge limits can meet those in the WSUD Guideline;
 - (f) ensure that the system capacity has been designed in accordance with Australian Rainfall and Runoff (Engineers Australia, 2016) and Managing Urban Stormwater: Council Handbook (EPA, 1997) guidelines (as may be updated or replaced from time to time);
 - (g) direct all sediment laden water in overland flow away from the leachate management system; and
 - (h) prevent cross-contamination of clean and sediment or leachate laden water.
- B27. Prior to the issue of a Construction Certificate, a certificate must be submitted to the Certifying Authority certifying that:
- (a) satisfactory arrangements have been made for the disposal of stormwater;
 - (b) the proposed development and alterations to the natural surface contours will not impede or divert natural surface water runoff so as to cause a nuisance to adjoining properties; and
 - (c) the piped drainage system has been designed to Council's Stormwater Drainage Policy.
- B28. Prior to the issue of the Final Occupation Certificate, Works-As-Executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved must be submitted to the Certifying Authority.
- B29. The stormwater drainage generated from the development must be directed to:
- (a) the drainage easement; and
 - (b) Council's street kerb and gutter.

B30. The stormwater management system must be operated and maintained for the duration of the Development.

Discharge Limits

B31. The Development must comply with section 120 of the POEO Act, which prohibits the pollution of waters, except as expressly provided for in an EPL.

Water Management Plan

B32. Prior to the commencement of operation, the Applicant must prepare a Water Management Plan (WMP) to the satisfaction of the Secretary. The WMP must form part of the OEMP required by Condition C4 and be prepared in accordance with Condition C6. The WMP must:

- (a) be prepared in consultation with the DPI;
- (b) detail water use, metering, disposal and management on-site;
- (c) detail the management of wastewater streams on site;
- (d) contain a Surface Water Management Plan, including:
 - (i) a program to monitor:
 - surface water flows and quality;
 - surface water storage and use;
 - discharge limits;
 - sediment basin operation;
 - (ii) sediment and erosion control plans;
 - (iii) surface water impact assessment criteria, including trigger levels for investigating and potential adverse surface water impacts; and
 - (iv) a protocol for the investigation and mitigation of identified exceedances of the surface water impact assessment criteria.

B33. The Applicant must:

- (a) not commence operation until the WMP required by Condition B32 is approved by the Secretary; and
- (b) The Applicant must ensure the WMP (as required and approved by the Secretary from time to time) is implemented for the operational life of the Development.

Groundwater

B34. In the event that groundwater is intersected during construction the Applicant shall:

- (a) obtain the necessary water licences or approvals from NOW;
- (b) develop a Groundwater Management Plan for the testing, dewatering, storage, movement and treatment of any groundwater to the satisfaction of NOW.

HAZARDS AND RISK

Dangerous Goods

B35. The quantities of dangerous goods stored and handled at the site must be below the threshold quantities listed in the Department of Planning's *Hazardous and Offensive Development Application Guidelines – Applying SEPP 33* at all times.

B36. Dangerous goods, as defined by the *Australian Dangerous Goods Code*, must be stored and handled strictly in accordance with:

- (a) all relevant Australian Standards;
- (b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and
- (c) the *Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin* (EPA1997).

In the event of an inconsistency between the requirements listed from (a) to (c) above, the most stringent requirement must prevail to the extent of the inconsistency.

Bunding

B37. The Applicant must store all chemicals, fuels and oils used on-site in appropriately banded areas in accordance with the requirements of all relevant Australian Standards, and/or the EPA's *Storing and Handling of Liquids: Environmental Protection – Participants Handbook*.

FIRE SAFETY

Fire Safety System

- B38. The fire hydrant system must be installed in accordance with BCA Clause E1.3 (to buildings and open yard). The system shall comply with AS 2419.1:2005 except that the minimum flow rate shall be 50L/s in lieu of that detailed in Table 2.1.
- B39. The final design of the fire hydrant system must be prepared by a suitably qualified fire services engineer and submitted to the Principal Certifying Authority prior to issue of the Construction Certificate.
- B40. To provide for storage and collection of contaminated fire water, 180 m³ of storage is to be provided on the site. A design prepared by a suitably qualified engineer is to be submitted to the Principal Certifying Authority prior to issue of the Construction Certificate.

Bushfire Protection

- B41. The Applicant shall incorporate appropriate bush fire protection measures into the detailed design of the Development in accordance with *Planning for Bush Fire Protection Guideline* (RFS 2006) to the satisfaction of the RFS.

WASTE MANAGEMENT

Statutory Requirements

- B42. All waste removed from the site must only be directed to a waste management facility or premises lawfully permitted to accept the waste.
- B43. Waste generated outside the site must not be received at the site for storage, treatment, processing, reprocessing, or disposal, except as expressly permitted by an EPL.
- B44. The Applicant must record the amount of waste (in tonnes) received at the site on a daily basis.
- B45. The Applicant must retain all sampling and waste classification data for the life of the development and keep it readily available for inspection by the EPA and the Secretary.

Receipt, Storage & Handling of Waste

- B46. The Applicant shall only receive waste on site that is authorised for receipt by an EPL.
- B47. The Applicant shall ensure any waste generated on the site during construction is classified in accordance with the EPA's *Waste Classification Guidelines, 2014* or its latest version, and disposed of to a facility that may lawfully accept the waste.
- B48. The Applicant shall:
 - (a) implement auditable procedures to:
 - (i) ensure the site does not accept wastes that are prohibited;
 - (ii) screen incoming waste loads; and
 - (b) ensure that:
 - (i) all waste types that are controlled under a tracking system have the appropriate documentation prior to acceptance at the site;
 - (ii) all waste received at the site must be recorded in accordance with clause 27 of the POEO (Waste) Regulation;
 - (iii) details of the quantity, type and source of wastes received on the site must be provided to the EPA and the Secretary when requested; and
 - (iv) staff receive adequate training to be able to recognise and handle any hazardous or other prohibited waste including asbestos.
- B49. The Applicant must assess and classify all liquid and non-liquid wastes to be taken off site in accordance with the EPA's *Waste Classification Guidelines Part 1: Classifying Waste, November 2014*, or its latest version and dispose of all wastes to a facility that may lawfully accept the waste.
- B50. All waste must be stored wholly within the designated waste stockpile areas.
- B51. All waste must be loaded and unloaded undercover and within the designated loading and unloading areas.

- B52. At the end of each working day, the main shed must be empty of waste and washed down.
- B53. All residual waste that is removed from the site must be dispatched outside of peak traffic hours.

Waste Monitoring Program

- B54. From the commencement of operation, the Applicant must implement a Waste Monitoring Program for the Development. The program must:
- (a) be prepared by a suitably qualified and experienced person(s) prior to the commencement of operation;
 - (b) include suitable provision to monitor the:
 - (i) quantity, type and source of waste received on site; and
 - (ii) quantity, type and quality of the outputs produced on site; and
 - (c) ensure that:
 - (i) all waste that is controlled under a tracking system has the appropriate documentation prior to acceptance at the site; and
 - (ii) staff receive adequate training to be able to recognise and handle any hazardous or other prohibited waste including asbestos.

Pests, Vermin and Noxious Weed Management

- B55. The Applicant must:
- (a) implement suitable measures to manage pests, vermin and declared noxious weeds on the site; and
 - (b) inspect the site on a regular basis to ensure that these measures are working effectively, and that pests, vermin or noxious weeds are not present on site in sufficient numbers to pose an environmental hazard, or cause the loss of amenity in the surrounding area.

Note: For the purposes of this condition, noxious weeds are those species subject to an order declared under the Noxious Weed Act 1993.

VISUAL AMENITY

Landscaping

- B56. Prior to the commencement of operation, the Applicant must prepare a Landscape Management Plan for the site in consultation with Council to the satisfaction of the Secretary. The plan must form part of the OEMP in Condition C4 and be prepared in accordance with Condition C6. The plan must:
- (a) detail the species to be planted on-site;
 - (b) describe the monitoring and maintenance regime for all landscaping components; and
 - (c) be consistent with the Applicant's Management and Mitigation Measures at Appendix B.
- B57. The Applicant must:
- (a) not commence operation until the Landscape Management Plan is approved by the Secretary;
 - (b) implement the most recent version of the Landscape Management Plan approved by the Secretary; and
 - (c) maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition B50 for the duration of the development.

Lighting

- B58. The Applicant must ensure the lighting associated with the Development:
- (a) complies with the latest version of *AS 4282 (INT) - Control of Obtrusive Effects of Outdoor Lighting*; and
 - (b) is mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network including at night.

SITE SECURITY

- B59. Prior to the issue of a Construction Certificate, the Applicant shall submit to Council a detailed design for security gates and fencing at the entrance to the site. Once the design has been agreed with Council, the Applicant shall install the security gates and fencing in accordance with the approved design.

PART C: ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

- C1. The Applicant must prepare a Construction Environmental Management Plan (CEMP) to the satisfaction of the Secretary. The CEMP must:
- (a) be approved by the Secretary prior to the commencement of construction;
 - (b) identify the statutory approvals that apply to the Development;
 - (c) outline all environmental management practices and procedures to be followed during construction works associated with the Development;
 - (d) include an unexpected finds protocol for heritage items and contaminated material;
 - (e) describe all activities to be undertaken on the site during construction of the Development, including a clear indication of construction stages;
 - (f) detail how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified adverse environmental impacts;
 - (g) incorporate measures to reduce energy consumption;
 - (h) describe the roles and responsibilities for all relevant employees involved in construction works associated with the Development; and
 - (i) include the management plans required under Condition C2 of this consent.
- C2. As part of the CEMP required under Condition C1 of this consent, the Applicant must include the following:
- (a) Construction Noise Management Plan (see Condition B3); and
 - (b) Erosion and Sediment Control Plan (see Condition B25).
- C3. The Applicant must:
- (a) not commence construction of the Development until the CEMP is approved by the Secretary; and
 - (b) carry out the construction of the Development in accordance with the CEMP approved by the Secretary (and as revised and approved by the Secretary from time to time).

OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN

- C4. The Applicant must prepare an Operational Environmental Management Plan (OEMP) to the satisfaction of the Secretary. The OEMP must:
- (a) be submitted to the Secretary for approval prior to the commencement of operation;
 - (b) be prepared by a suitably qualified and experienced expert;
 - (c) provide the strategic framework for environmental management of the Development;
 - (d) identify the statutory approvals that apply to the Development;
 - (e) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development;
 - (f) incorporate measures to reduce energy consumption;
 - (g) describe the procedures that would be implemented to:
 - (i) keep the local community and relevant agencies informed about the operation and environmental performance of the Development;
 - (ii) receive, handle, respond to, and record complaints;
 - (iii) resolve any disputes that may arise;
 - (iv) respond to any non-compliance;
 - (v) respond to emergencies (including landowner notification); and
 - (h) include the following environmental management plans:
 - (i) Noise (see Condition B8);
 - (ii) Traffic (see Condition B19);
 - (iii) Air Quality (see Condition B22); and
 - (iv) Water (see Condition B32).
- C5. The Applicant must:
- (a) not commence operation until the OEMP is approved by the Secretary; and
 - (b) operate the Development in accordance with the OEMP approved by the Secretary (and as revised and approved by the Secretary from time to time).

MANAGEMENT PLAN REQUIREMENTS

- C6. The Applicant must ensure that the environmental management plans required under Condition C4 of this consent are prepared by a suitably qualified person or persons in accordance with best practice and include:
- (a) detailed baseline data;
 - (b) a description of:
 - (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);
 - (ii) any relevant limits or performance measures/criteria; and

- (iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the Development or any management measures;
- (c) a description of the management measures that would be implemented to comply with the relevant statutory requirements, limits or performance measures/criteria;
- (d) a program to monitor and report on the:
 - (i) impacts and environmental performance of the Development; and
 - (ii) effectiveness of any management measures (see (c) above);
- (e) a contingency plan to manage any unpredicted impacts and their consequences;
- (f) a program to investigate and implement ways to improve the environmental performance of the Development over time;
- (g) a protocol for managing and reporting any:
 - (i) incidents;
 - (ii) complaints;
 - (iii) non-compliances with statutory requirements; and
 - (iv) exceedances of the impact assessment criteria and/or performance criteria; and
- (h) a protocol for periodic review of the plan.

Revision of Strategies, Plans and Programs

- C7. Within three months of:
- (a) approval of a modification;
 - (b) approval of an annual review under Condition C8;
 - (c) submission of an incident report under Condition C9; or
 - (d) completion of an audit under Condition C12,

the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this consent to the satisfaction of the Secretary.

Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the Development.

ANNUAL REVIEW

- C8. Within 12 months from the commencement of operation, and each year thereafter, unless otherwise agreed by the Secretary, the Applicant must review the environmental performance of the Development to the satisfaction of the Secretary. This review must:
- (a) describe the development that was carried out in the previous reporting period, and the Development that is proposed to be carried out over the next reporting period;
 - (b) include a comprehensive review of the monitoring results and complaints records of the Development over the previous reporting period, which includes a comparison of these results against the:
 - (i) the relevant statutory requirements, limits or performance measures/criteria;
 - (ii) requirements of any plan or program required under this consent;
 - (iii) the monitoring results of previous reporting periods; and
 - (iv) the relevant predictions in the EIS;
 - (c) identify any non-compliance over the last reporting period, and describe what actions were (or are being) taken to ensure compliance;
 - (d) identify any trends in the monitoring data over the life of the Development;
 - (e) identify any discrepancies between the predicted and actual impacts of the Development, and analyse the potential cause of any significant discrepancies; and
 - (f) describe what measures will be implemented over the next reporting period to improve the environmental performance of the Development.

REPORTING

Incident Reporting

- C9. Within 24 hours of any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment, a report must be supplied to the Department outlining the basic facts. A further detailed report must be prepared and submitted following investigations of the causes and identification of necessary additional preventive measures. That report must be submitted to the Secretary no later than 14 days after the incident or potential incident.
- C10. The Applicant must maintain a register of accidents, incidents and potential incidents. The register must be made available for inspection at any time by the independent Hazard Auditor and the Department.

Regular Reporting

- C11. The Applicant must provide regular reporting on the environmental performance of the Development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.

AUDITING

Independent Environmental Audit

- C12. Within one year of the commencement of operation, and every three years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit (audit) of the Development. Division 2B of Part 6 of the EP&A Act applies to these audits, which are for the purposes of ascertaining information in relation to the environmental performance of the Development and the adequacy of strategies, plans and programs. Audits must:
- (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;
 - (b) include consultation with the relevant agencies;
 - (c) assess the environmental performance of the Development and assess whether it is complying with the requirements in this consent, and any other relevant approvals, relevant EPL(s) (including any assessment, plan or program required under these approvals);
 - (d) review the adequacy of any approved strategy, plan or program required under the abovementioned consents; and
 - (e) recommend measures or actions to improve the environmental performance of the Development, and/or any strategy, plan or program required under these consents.

Note: This audit team must be led by a suitably qualified auditor, and include relevant experts in any other fields specified by the Secretary.

- C13. Within three months of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The Applicant must implement these recommendations to the satisfaction of the Secretary.

ACCESS TO INFORMATION

- C14. Prior to the commencement of construction and for the duration of the Development, the Applicant must:
- (a) make copies of the following publicly available on its website:
 - (i) the documents referred to in Condition A2;
 - (ii) all current statutory approvals for the Development;
 - (iii) all approved strategies, plans and programs required under the conditions of this consent;
 - (iv) a summary of the monitoring results of the Development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;
 - (v) a complaints register updated on a quarterly basis;
 - (vi) the annual reviews of the Development;
 - (vii) any independent environmental audit of the Development and the Applicant's response to the recommendations in any audit;
 - (viii) any other matter required by the Secretary; and
 - (b) keep this information up to date, to the satisfaction of the Secretary

**APPENDIX A
DEVELOPMENT LAYOUT PLANS**

PROPOSED WASTE TRANSFER STATION AT 52 ANDERSON ROAD SMEATON GRANGE

DRAWING LIST

000	COVER SHEET	REV F
100	GROUND FLOOR PLAN 1:500	REV F
101	ROOF PLAN 1:500	REV F
200	ELEVATIONS 1 1:250	REV F
201	ELEVATIONS 2 1:250	REV F
500	DETAILS SHEET 1 1:250	REV F
501	DETAILS SHEET 2 1:100	REV F

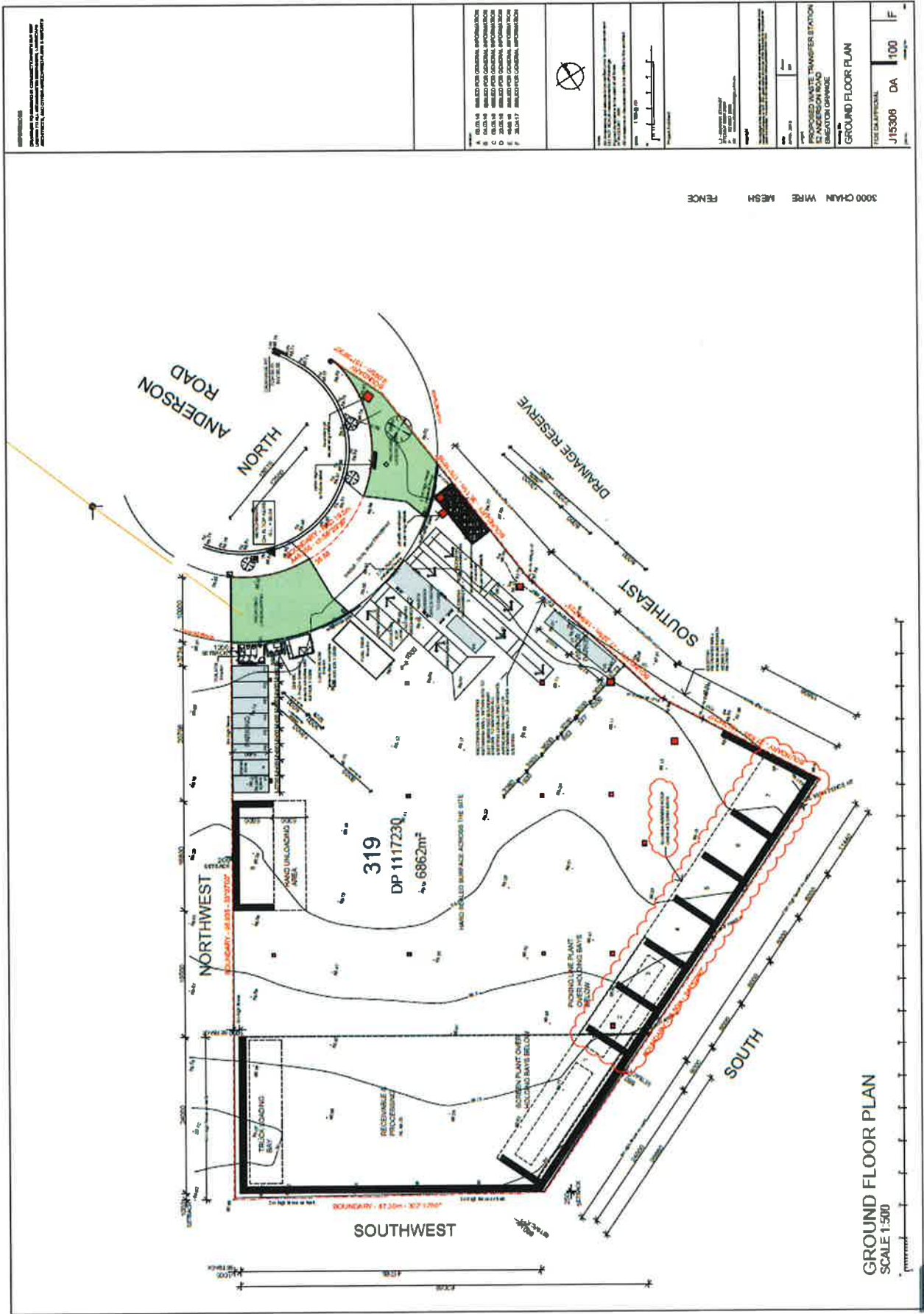
REFERENCES
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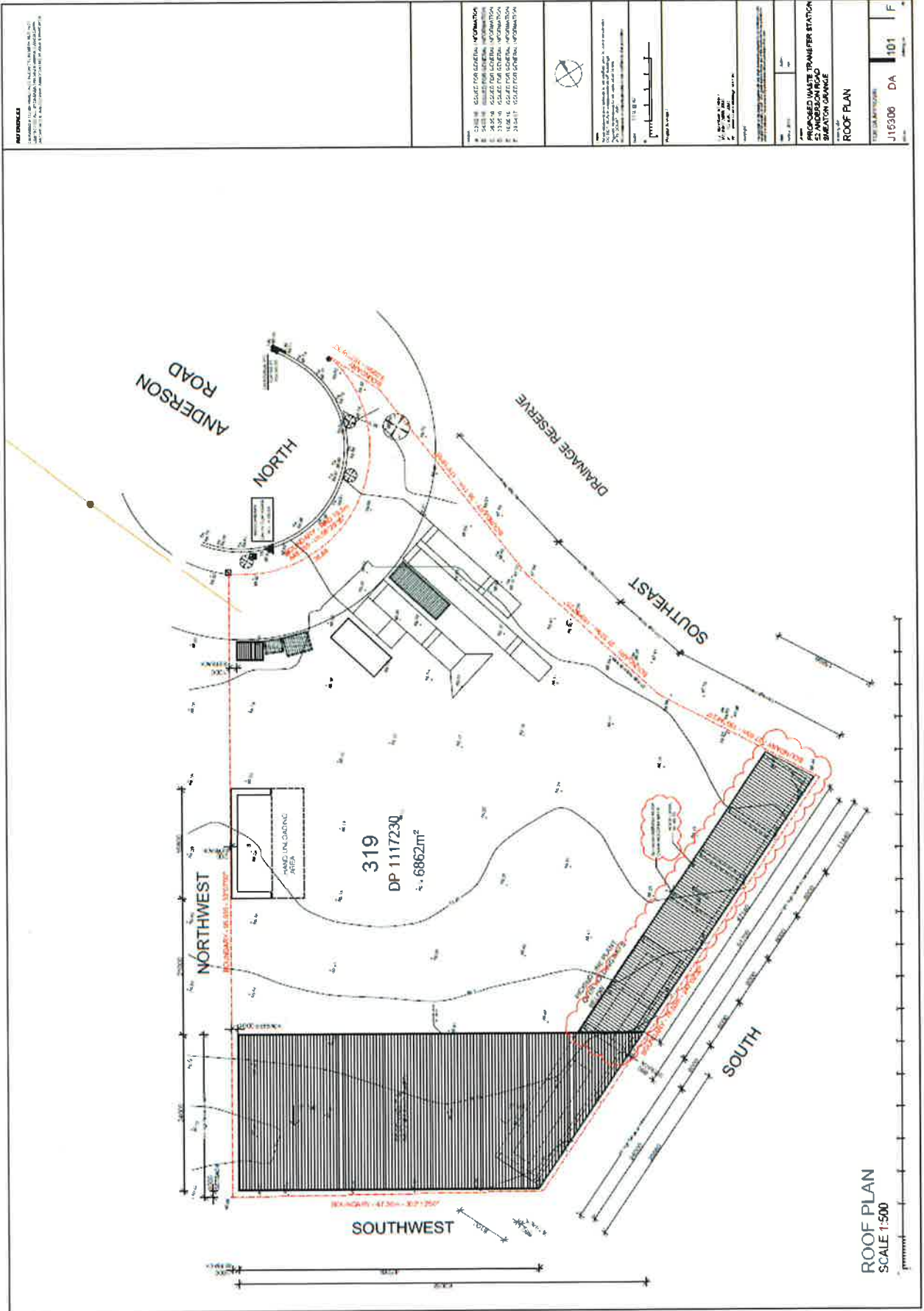
NOTES
 A. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
 B. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.
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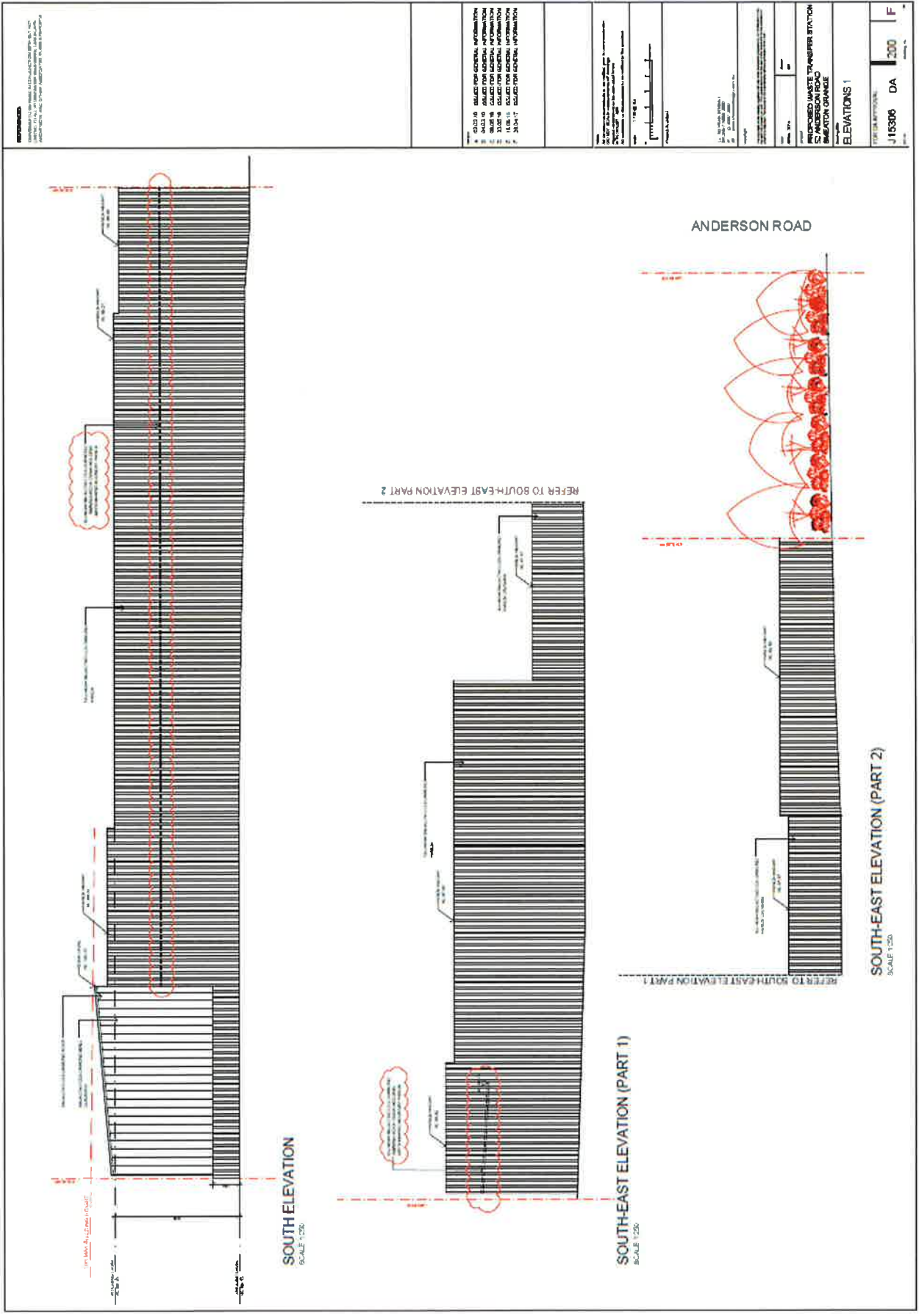
**PROPOSED WASTE TRANSFER STATION
 AT
 52 ANDERSON ROAD
 SMEATON GRANGE**

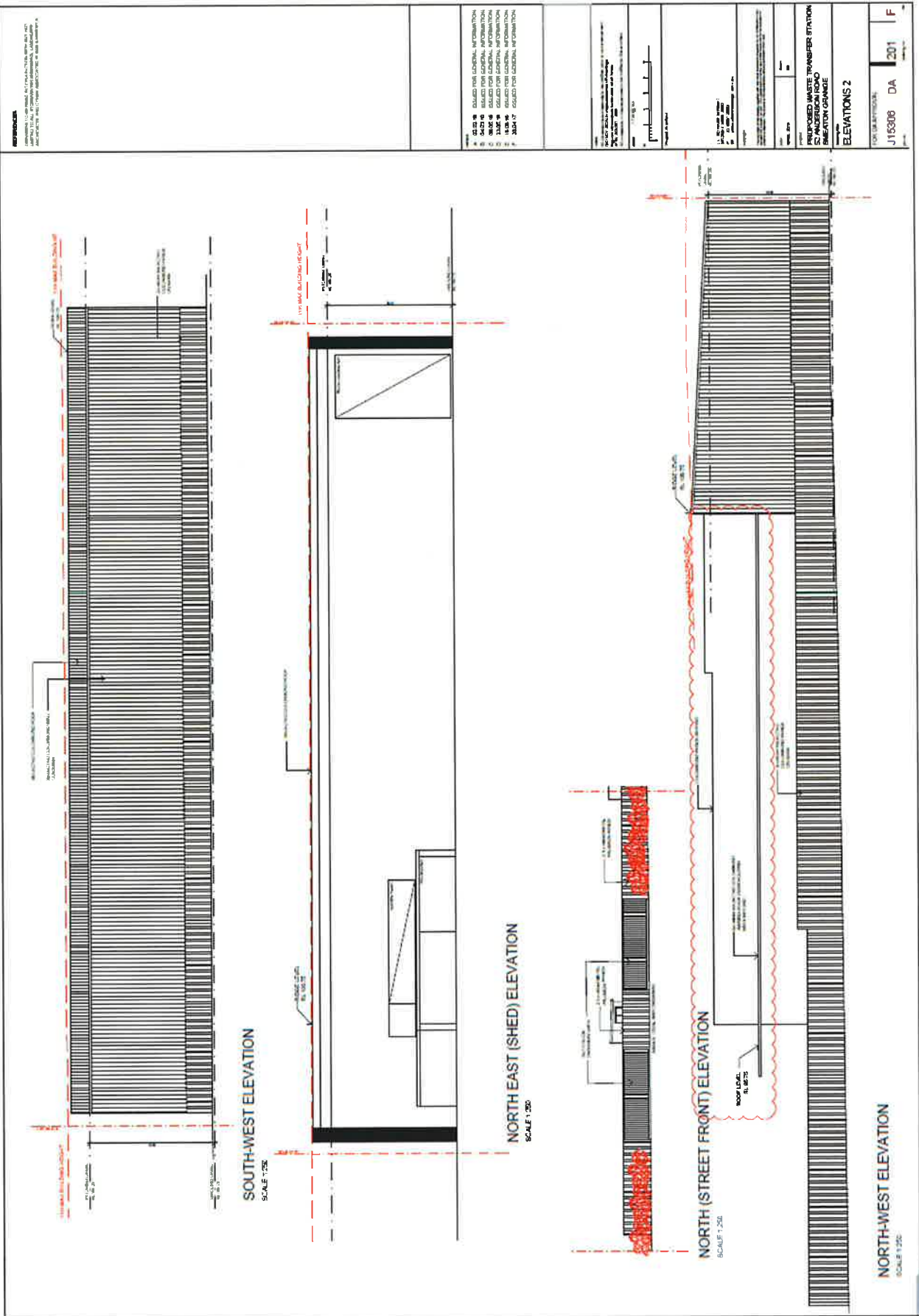
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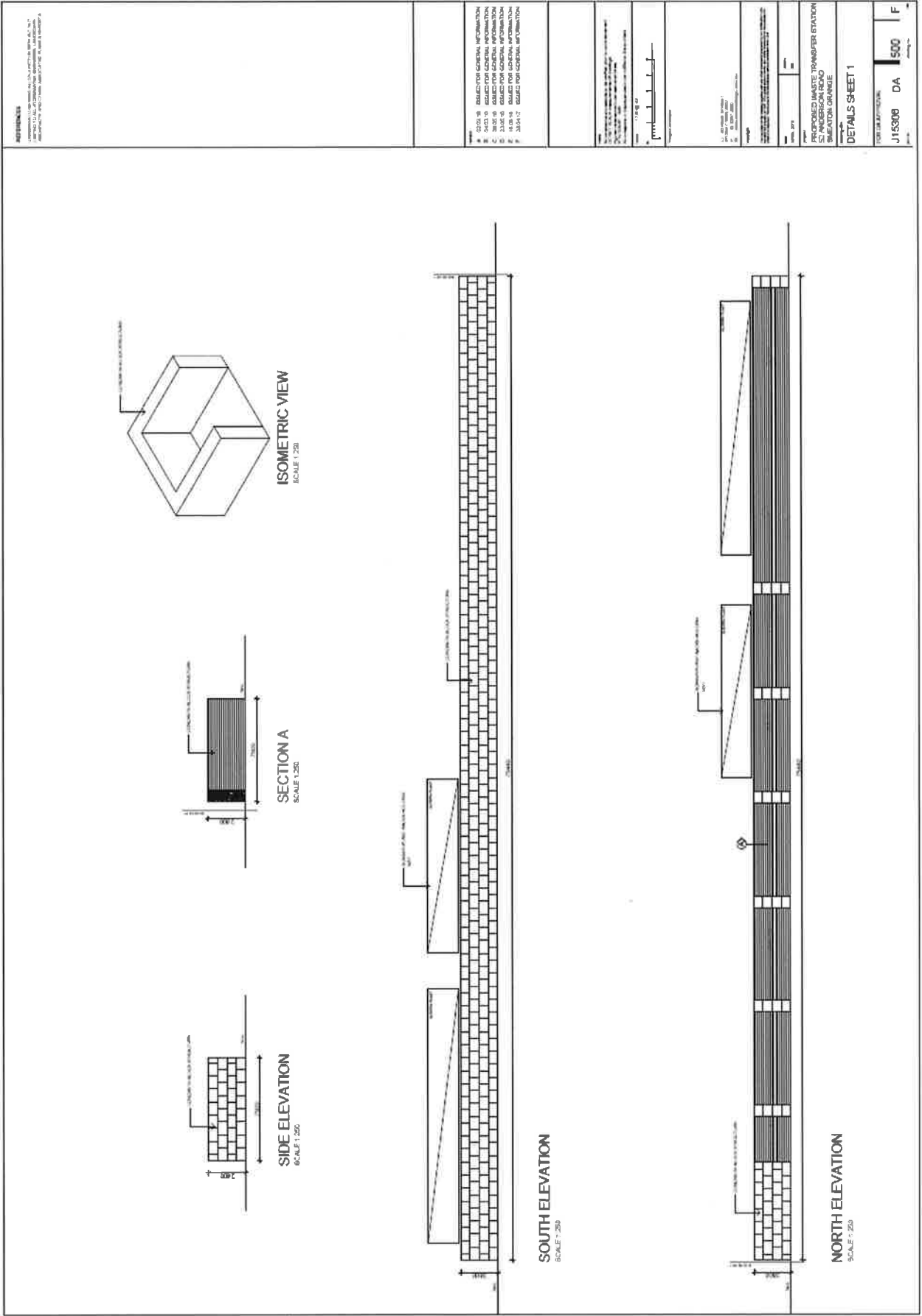
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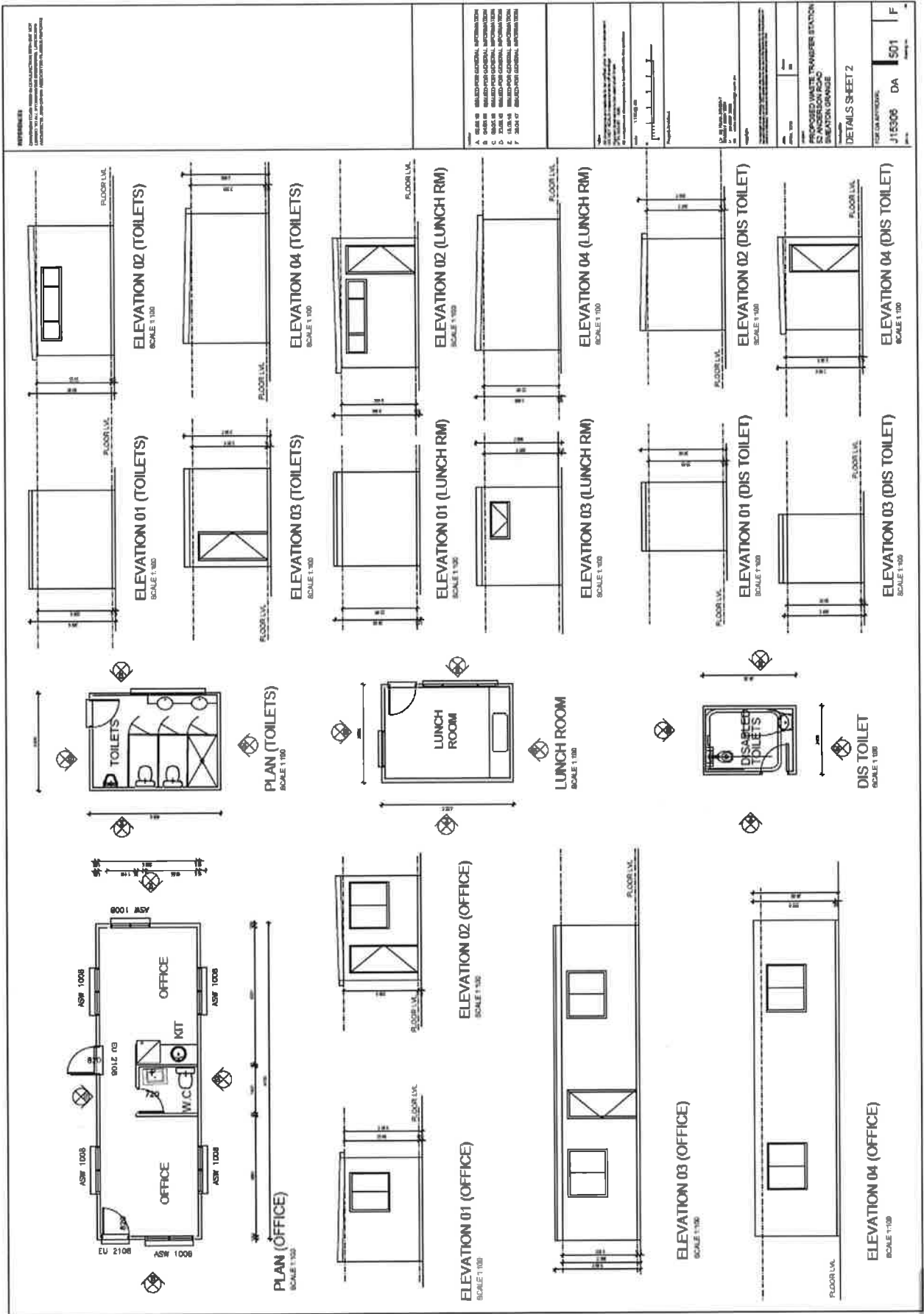












APPENDIX B APPLICANT'S MANAGEMENT AND MITIGATION MEASURES

Key issue	Management measure
Facility design	<p>The facility will not be open between 10 pm and 6 am.</p> <p>The screening plant and External Bay 6 will be covered with a roof (approximately 5 m off the ground) to minimise moisture entering the timber stockpile. The roof will be within the site and adjacent to the 10 m tall fence so will not be visible from offsite.</p> <p>To minimise dust and noise emissions:</p> <ul style="list-style-type: none"> • materials (waste, products and residues) will be stockpiled in the shed or in a marked bay • wastes will be processed in the shed or within the screening plant area (see Figure 3.3) and will not be processed outside of these areas; • green waste will only be stockpiled in the shed; and • timber will be stockpiled in a covered bay. <p>The facility's front fence will be constructed as a combination decorative metal and masonry fence in accordance with <i>Camden Council Development Control Plan 2011 D4.2.5 Fencing</i>.</p>
Air quality	<p>The site environmental management plan (EMP) will detail dust management during construction and operations.</p> <p>Benedict Recycling will implement dust management measures (described in the EMP) so that dust emissions are minimised and do not impact upon surrounding sensitive receptors.</p> <p>Sorting and storage of materials will occur within the main processing shed and the management measures described in EIS Section 6.2.1 (and expanded in the EMP as required) will be implemented to minimise any dust emissions so that they are close to eliminated.</p> <p>Management measures that will be implemented during construction and operations to minimise air quality impacts will include:</p> <ul style="list-style-type: none"> • Construction: <ul style="list-style-type: none"> – record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken; – record any exceptional incidents that cause dust and/or air emissions, either on or off site, and the action taken to resolve the situation in the log book; – carry out regular site inspections, record inspection results, and make an inspection log available to the local authority when asked; – impose a maximum-speed-limit of 20 km/h on all internal roads and work areas; – minimise idling vehicles onsite, wherever practicable; – ensure proper maintenance and tuning of all equipment engines; – ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport; and – provide an adequate water supply on site for effective dust/particulate matter suppression/mitigation. • Operations: <ul style="list-style-type: none"> – all existing sealed areas must be maintained; – water sprays will be used over any other bare surfaces that have potential to generate unacceptable amounts of dust; – water sprays will be used at stockpiles, operational areas and the screening plant during material handling; – a wheel wash in the weighbridge area will be used to clean truck tyres to prevent mud or sediment being carried to and deposited on the access road (and public roads);

Key issue	Management measure
Greenhouse gases	<ul style="list-style-type: none"> - dust generating activities will be generally undertaken within the main shed; and - no composting will be undertaken on the site.
Greenhouse gases	<p>Management measures that will be implemented during construction and operations to minimise greenhouse gas emissions will include:</p> <ul style="list-style-type: none"> • on-site equipment will be regularly maintained and serviced to maximise fuel efficiency; • vehicle kilometres travelled on site will be minimised; and • energy efficiency will be progressively reviewed and implemented throughout the life of the facility.
Noise	<p>Management measures that will be implemented during operation to minimise noise impacts will include:</p> <ul style="list-style-type: none"> • choosing quieter plant and equipment, including installing best-practice noise suppression equipment, based on the optimal power and size to most efficiently perform the required tasks; • plant with high noise emissions will generally be located inside the shed; • plant and equipment will be regularly maintained and serviced; <p>low-frequency reversing alarms (“growlers”) will be used rather than the standard high frequency beepers;</p> <ul style="list-style-type: none"> • a site layout has been adopted that minimises the need for mobile plant to reverse; • plant and equipment will be switched off when not in use; • any vehicle queuing will be on site rather than on public roads; • material drop heights will be minimised and dragging materials along the ground will be minimised; • site contact details will be provided on a board at the front of the site; • any noise-related complaints will be handled promptly; and • a complaints register will be maintained. <p>Benedict Recycling will commission noise verification monitoring at the closest residences to the south-east (R9) and to the north-east (R22) (or at equivalent locations) within 3, 6 and 12 months of the start of operations.</p>
Transport	<p>Signs will be erected at the facility requesting customers access the facility via Camden Valley Way via Anderson Road.</p> <p>Signs will be erected at the facility regarding drivers’ legal obligation to ensure that waste is covered during transport.</p> <p>Vehicles dispatching products or residue will be covered prior to leaving the site.</p>
Visual	<p>Management measures that will be implemented during construction and operations to minimise visual impacts will include:</p> <ul style="list-style-type: none"> • this site will be colourbond fenced on the boundaries; and • the visual appearance of the site entrance on Anderson Road will be landscaped and kept tidy.

Key issue	Management measure
Water	<p data-bbox="411 280 1114 302">Excavation into the alluvium on the site will be avoided where feasible.</p> <p data-bbox="411 320 1469 414">While no significant dewatering is predicted to be required during the construction of footings, DPI Water will be notified and a aquifer interference licence will be obtained if more than 3 ML of groundwater needs to be extracted during construction.</p> <p data-bbox="411 432 938 454">Features to prevent impacts to groundwater include:</p> <ul data-bbox="411 472 1490 936" style="list-style-type: none"> <li data-bbox="411 472 895 495">• no significant excavations within the site; <li data-bbox="411 515 1490 577">• existing sheds will be used to house the majority of the processing activities, preventing generation of runoff from these activities; <li data-bbox="411 595 754 618">• bunded fuels storage area; <li data-bbox="411 636 1490 698">• sheds and the segregated heavy waste stockpiling and processing area will be outside of major overland flowpaths; <li data-bbox="411 716 1490 779">• surface water captured within the runoff management system will be used for dust suppression so that mains water is not required for this purpose; <li data-bbox="411 797 1490 860">• the majority of the site will be asphalt sealed to minimise the requirement for dust suppression using water (see Section 2.10.1); <li data-bbox="411 878 831 900">• groundwater will not be used; and <li data-bbox="411 918 1299 940">• water will not be used in the product processing, other than for dust suppression. <p data-bbox="411 958 770 981">The site runoff controls will include:</p> <ul data-bbox="411 999 1490 1124" style="list-style-type: none"> <li data-bbox="411 999 1246 1021">• a concrete perimeter kerb to keep runoff from entering and leaving the site; <li data-bbox="411 1039 1390 1061">• an onsite detention/sedimentation basin/control device on site and remove sediment; and <li data-bbox="411 1079 1490 1124">• flows from the sediment device will be controlled to ensure that poor quality water is not discharged from site.

Key issue	Management measure
Bushfire	In order to maintain APZs, the landscaping vegetation will be maintained as follows:
Fire management	<ul style="list-style-type: none"> • canopy cover will be kept at less than 15% of total surface area and will be kept at least 2 m from the roof line of a building; • garden beds and shrubs will not to be located under trees and sited at least 10 m from any exposed windows or doors; and • lower limbs of trees up to 2 m above the ground will be removed. <p>Services including water, gas and electricity services will be located and installed in a manner that reduces the potential for them to contribute to fire hazard.</p> <p><i>Stockpiles will be covered by awnings and separated by block walls in a manner that reduced the potential for them to contribute to fire hazard.</i></p> <p>Water for fire fighting will be provided as follows, <i>to be detailed in a fire safety system designed in consultation with Fire and Rescue NSW:</i></p> <ul style="list-style-type: none"> • existing fire hydrants in Anderson Road; • fire hydrants, <i>on-site, capable of providing 50L/s of firewater;</i> • extinguishers and fire hydrant at the office building. <p><i>Firewater will be contained by a bund capable of containing at least one hour of firewater (180 m³)</i></p> <p>The following requirements from Chapter 4 of PBP will be applied to water infrastructure:</p> <ul style="list-style-type: none"> • above ground pipes external to structures in the APZ will be metal including and up to taps; • pumps in the APZs will be shielded; and • Fire hydrants at buildings which will be spaced, sized and pressured in accordance with <i>Australian Standard 2419.1-2005 Fire Hydrant Installations – System Design, Installation and Commissioning.</i> <p>In relation to the diesel tank:</p> <ul style="list-style-type: none"> • the diesel tank which will be installed in accordance with <i>Australian Standard 1940:2004 The Storage and Handling of Flammable and Combustible Liquids</i> and will be fully enclosed in a colourbond shed.
Contamination	In the event of encountering suspected contaminated land, the area should be left undisturbed until a suitably qualified consultant can assess the area in question and provide appropriate mitigation measures identified if required.

Key issue	Management measure
Diesel spill	<p><u>Prevention</u></p> <p>Overfilling of tanks will be prevented through gauging or monitoring of the tank's contents.</p> <p>Tanks, vents and fittings will be inspected regularly and valves will be regularly overhauled (at periods not exceeding 10 years).</p> <p>Hoses used for transfer of diesel, these will be regularly inspected.</p> <p><u>Protection</u></p> <p>The diesel tank will be self-bunded. The bund will be large enough to contain a spillage in accordance with the requirement of AS1940 para 5.8. The bund drain valve will be kept closed and locked except during supervised drainage, and a sign will be placed to display the need to keep the drain valve closed and locked.</p> <p>Provision will be made to quickly shut off the flow of liquid from the storage tank to a consuming device in an emergency. The shut off valve will comply with para 6.3.3 in AS1940, including resistance in a fire.</p> <p>Diesel pumps will be designed such that the discharge pressure cannot exceed design limit of pump or piping in the case of dead heading (shut-off at the pump discharge). An emergency shut-off device will be provided on each pump.</p> <p>There will be a diesel spill kit stored at the bowser.</p> <p><u>Detection</u></p> <p>Regular inspections by site personnel will be undertaken. Any liquid inside the bunded areas, such as rain water or any spilt liquid, will be removed following established procedures.</p>
Emergency and evacuation management plans	<p>An emergency and evacuation plan will be prepared for the site that will include notification of neighbours in the event of a potential emergency.</p> <p>The site's Emergency Response Plan will be provided to Frasers and Coles.</p>
General	<p>Benedict Recycling will ensure that the area around the entrance to the facility is kept tidy and litter free.</p>