



# **Hogan's Pocket Geomembrane Leak Location Survey**

**Quote 2016-063**



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## Conditions of Quotation

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<b>Request for Quotation (RFQ)</b>	<b>Hogan's Pocket Geomembrane Leak Location Survey</b>
<b>Closing Time:</b>	<b>10.00am, 15 December 2015</b>
<b>RFQ Number:</b>	<b>Quote 2016-063</b>



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# Conditions of quotation

Quotation 2016-053

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## 1 Agreement to be bound by conditions of quotation

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In consideration of Mackay Regional Council:

- (a) inviting the Respondent to quotation for the Services the subject of these Conditions of Quotation; and
- (b) agreeing to evaluate each Quotation submitted by the Respondent in accordance with these Conditions of Quotation,

the Respondent agrees to be bound by these Conditions of Quotation for each Quotation submitted by the Respondent.

## 2 Definitions

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These Conditions of Quotation use definitions, some of which are found elsewhere in the Quotation Documents. Respondents should note the following defined terms:

Term	Definition
<b>Addenda or Addendum</b>	means any document issued by Council pursuant to clause 7 of these Conditions of Quotation.
<b>Alternative Quotation</b>	has the meaning given to it in clause 14 of these Conditions of Quotation.
<b>Conditions of Contract</b>	means the contract pursuant to which any successful Respondent will be engaged by Council to carry out the Services, an indicative copy of which is set out in quotation Schedule 1.
<b>Conforming Quotation</b>	means a Quotation that: <ul style="list-style-type: none"> <li>(a) conforms with these Conditions of Quotation and with all applicable Legislative Requirements; and</li> <li>(b) meets all safety and engineering standards to the satisfaction of Council; and</li> <li>(c) 'Contract' means any contract formed between Council and the successful Respondent pursuant to clause 0 of these Conditions of Quotation and without limitation includes the Conditions of Contract.</li> </ul>
<b>Council</b>	means Mackay Regional Council and includes where relevant any of its officers, agents or employees.
<b>Date of Acceptance of Quotation</b>	is the date so stated by Council in any Letter of Acceptance issued by Council pursuant to clause 17 of these Conditions of Quotation.
<b>Date of the Invitation to</b>	means the date on which Council invited Respondents to submit



<b>Term</b>	<b>Definition</b>
<b>Quotation</b>	a Quotation in accordance with the Quotation Documents.
<b>Day</b>	means calendar day.
<b>Drawings</b>	means any diagrams, charts, maps, designs and other similar documents issued by Council as part of the Quotation Documents.
<b>Legislative Requirements</b>	includes: <ul style="list-style-type: none"> <li>(a) acts, regulations, by-laws, ordinances, orders, awards and proclamations of the Commonwealth, the State or Territory or of the local government in which the Services or any part thereof is being carried out;</li> <li>(a) certificates, licences, consents, permits, approvals and requirements of organisations having jurisdiction in connection with the carrying out of the Services; and</li> <li>(b) fees and charges payable in connection with the foregoing.</li> </ul>
<b>Letter of Acceptance</b>	means a letter provided by Council to the successful Respondent pursuant to clause 17 of these Conditions of Quotation.
<b>Letter of Quotation</b>	means the letter (in the form set out in (in the form set out in Quotation Schedule 1) to be sent by a Respondent to Council enclosing that Respondent's Quotation.
<b>Mandatory</b>	means enforcing strict compliance; not directory
<b>Moral Rights</b>	means the right of integrity of authorship, the right of attribution of authorship and the right not to have authorship falsely attributed, or particularly as conferred by the <i>Copyright Act 1969</i> (Cth), and rights of a similar nature anywhere in the world whether existing before, on or after the Date of the Invitation to Quotation.
<b>Non-Conforming Quotation</b>	means a Quotation that does not strictly comply with the Quotation Criteria and includes an Alternative Quotation.
<b>Personnel</b>	has the meaning given to it in clause 32.4.
<b>Privacy Act</b>	means the <i>Privacy Act 1988</i> .
<b>Program</b>	means the Respondent's program for the performance of the Services which must be submitted with a Respondent's Quotation.
<b>Schedule of Prices and/or Rates</b>	means, if a Schedule of Prices and/or Rates is included in these Conditions of Quotation, that Schedule to be completed by the Respondent for a lump sum contract and/or a schedule of rates contract as the case may be.
<b>Site</b>	means the site at which the Services are to be performed.
<b>Statement of Departures</b>	means any Schedule created by the Respondent pursuant to clause 15 of these Conditions of Quotation, in the form set out in <b>Schedule 2</b> , listing all departures in the Quotation from the Quotation Documents.
<b>Technical Specification</b>	means any Technical Specification created by or on behalf of Council and included in the Quotation Documents, setting out the requirements for the Services.



<b>Term</b>	<b>Definition</b>
<b>Quotation</b>	means the quotation submitted by the Respondent in accordance with these Conditions of Quotation and may include an Alternative Quotation and a Non-Conforming Quotation.
<b>Quotation Closing Date</b>	means the date and time specified in clause 5 or such other date as may be determined by Council.
<b>Quotation Criteria</b>	means the criteria to be met by the Respondent, as set out in clause 13 of these Conditions of Quotation.
<b>Quotation Documents</b>	has the meaning given to it in clause 6 of these Conditions of Quotation and, without limitation, includes these Conditions of Quotation.
<b>Quotation Item</b>	means the items listed in a Quotation which the Respondent, in accordance with the Quotation Documents, offers to provide to Council or requires payment for by Council, as set out in the Schedule of Prices and/or Rates as appropriate.
<b>Quotation Period</b>	means the period of time from the Date of the Invitation to Quotation to the Date of Acceptance of Quotation.
<b>Quotation Price</b>	means the amount of money for which the Respondent offers to perform the Services, as set out in the Quotation Documents.
<b>Respondent</b>	means the person, company or other entity submitting a Quotation.
<b>Services</b>	has the meaning given to it in the Conditions of Contract.

### **3 Interpretation**

In these Conditions of Quotation:

- (a) the singular includes the plural and vice versa and a gender includes other genders;
- (b) a reference to a party is to be construed as a reference to a party to these Conditions of Quotation and includes its successors and permitted assigns;
- (c) a reference to an item in a clause, schedule, annexure or appendix is a reference to an item in the a clause of or schedule, annexure or appendix to these Conditions of Quotation and references to these Conditions of Quotation include its schedules and any annexures;
- (d) where a word or phrase is given a particular meaning, other parts of speech or grammatical forms of that word or phrase have corresponding meanings;
- (e) a reference to a document or agreement including these Conditions of Quotation includes a reference to that document or agreement as amended, novated, supplemented, varied or replaced from time to time;
- (f) in the interpretation of these Conditions of Quotation, headings are to be disregarded;





- (g) a reference to legislation or to a provision of legislation (including subordinate legislation) is to that legislation as amended, re-enacted or replaced, and includes any subordinate legislation issued under it; and
- (h) the words 'including' and 'includes' and any variants of those words, will be read as if followed by the words 'without limitation'.

## **4 Background**

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Council seeks quotations for the Survey of the Hogan's Pocket Geomembrane Leak Location using dipole methods.

## **5 Timetable**

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The following timetable is indicative only and may be amended at any time in the absolute discretion of Council:

<b>Action</b>	<b>Time/Date</b>
Quotation Release (Date the Quotation was advertised)	25 November 2015
Site Visit	NIL
Quotation Closing Date	15 December 2015
Contract Award	February 2016

## **6 Quotation documents**

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### **6.1 Quotation documents**

The Quotation Documents forming part of this Quotation are:

- (a) the Conditions of Quotation and its Quotation Schedules;
- (b) the Conditions of Contract;
- (c) the Special Conditions of Contract (Included in "Scope of Services")
- (d) the Scope of Work;
- (e) the Technical Specification; and
- (f) any Addenda issued pursuant to clause 7.

### **6.2 Respondent has no right to claim**

The Respondent has no right or entitlement for time or financial compensation whatsoever (including, without limitation, to a claim for economic loss or loss of opportunity) arising from or with respect to or by reason of any error, omission, or misrepresentation (express or inferred) in the Quotation Documents.



## **7 Modification of the quotation documents (addenda)**

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### **7.1 Council may modify**

Council may at any time prior to the Date of Acceptance of Quotation modify any provision or part of the Quotation Documents by issuing a written Addendum by mail, facsimile or email to all Respondents. Addenda issued will be numbered consecutively, commencing with the number 1.

### **7.2 Respondent to acknowledge receipt**

The Respondent must acknowledge receipt of any written addenda within 7 Days of receipt, and must set out in their Letter of Quotation all addenda received.

## **8 Quotation enquiries**

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Any enquiries by Respondents including any request for access to the Site are to be directed to:

Joanne Simpson, Acting Contracts Coordinator via [contracts@mackay.qld.gov.au](mailto:contracts@mackay.qld.gov.au)

## **9 Lodgement of quotations**

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### **9.1 Electronic submission**

Quotes shall be submitted electronically via the Queensland Government Procurement Transformation QTenders website, the respondent:

- a) Must ensure that the quote is submitted in the format specified;
- b) Must ensure that they have allowed sufficient time to upload documentation;
- c) May submit multiple attachments to the Council to this website;
- d) Must keep the file size of each document below 10MB (10,000KB);
- e) Must ensure prior to submitting the quote that it is free from viruses and has been checked with an up to date virus checking program;
- f) When the quote document/s is processed a system generated receipt confirmation shall be emailed to the respondent.

A Respondent may submit more than one quote in response to this invitation.

### **9.2 Opening of quotes**

There will not be a public opening of Quotes.

### **9.3 Facsimile and email submissions**

A Quote submitted by facsimile or email is a Non-Conforming Quote.



#### **9.4 No representation**

Any letter or other form of written or oral acknowledgment by Council of receipt of the Quote and the Quote Deposit (where applicable) does not imply that the Quote has been admitted or accepted as a Conforming Quote or a Non-Conforming Quote and nor does it constitute any representation by Council as to any other matter.

### **10 Quotation validity period**

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Any Quotation lodged remains valid and binding upon the Respondent for a period of 90 Days from the Quotation Closing Date or such later date as may be mutually agreed between the Respondent and Council and shall not otherwise be withdrawn by the Respondent.

### **11 Late proposals**

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Proposals lodged with or received by Council after 10.00am on the Quotation Closing Date are deemed to be late and will be opened and registered separately. Council may, but is not bound to, consider or accept a late Quotation.

### **12 Quotation requirements**

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#### **12.1 Documents to be submitted with quotations**

In their Quotations, Respondents must provide all information required by the Quotation Documents, including:

- (a) a completed Letter of Quote (Quotation schedule 1);
- (b) details of how the Quotation meets the requirements of the Quotation Documents;
- (c) a Statement of Departures (Quotation schedule 2);
- (d) a Statement of Additions and Variations (Quotation schedule 3) (if any);
- (e) a completed Compliance Checklist including relevant attachments (Quotation Schedule 4);
- (f) a completed Schedule of Prices and Rates (Quotation schedule 5);
- (g) Policies and Plans and Program;
- (h) any other information as set out and required in the Conditions of Quotation and the Quotation Schedules; and
- (i) any other information required by the Quotation Documents.

#### **12.2 Conforming quotations**

For a Conforming Quotation, a Respondent must as part of its quotation:

- (a) complete and sign a Letter of Quotation, in the form set out in quotation schedule 2;



- (b) complete and sign a Statement of Departures in the form set out in quotation schedule 2; and
- (c) without limitation, comply with the requirements of clauses 12 and 13 of these Conditions of Quotation.

### **12.3 Alternative quotations**

For an Alternative Quotation, Respondents must, amongst other things, complete:

- (a) a Letter of Quotation in the form set out in Quotation schedule 1, except that:
  - (i) the letter must be clearly marked 'Alternative Quotation';
  - (ii) the terms of the letter ought be revised accordingly; and
- (b) the Statement of Additions and Variations in the form set out in Quotation schedule 3.

### **12.4 Quotation price**

The Quotation Price shall be submitted in the Letter of Quotation, including for any Alternative Quotation.

### **12.5 Respondent's warranty**

In submitting a Quotation, the Respondent warrants that it complies with Legislative Requirements such as are applicable.

## **13 Quotation criteria**

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### **13.1 Conforming quotation**

- (a) To be considered to be a Conforming Quotation, a Quotation must comply with the following criteria. No exceptions to these criteria are permitted in the Statement of Departures included with any Conforming Quotation:
  - (i) Quotations must comply with these Conditions of Quotation;
  - (ii) Quotations must address the Quotation Evaluation Criteria in clause 25 of the Conditions of Quotation;
  - (iii) Quotations must be based on the entire scope of Services under the Contract as may be specified in the Quotation Schedules, including the Technical Specification;
  - (iv) Quotations must be in accordance with any design and process specified in the Technical Specification;
  - (v) Quotations must be based on compliance with all performance requirements contained in the Contract; and
  - (vi) Quotations must be complete Quotations, containing all documentation described in clause 12 of the Conditions of Quotation.
- (b) A Quotation that does not comply with clause 13.1(a) is a Non-Conforming Quotation.



### **13.2 Variations to quotation criteria**

Any variation to the criteria in clause 13.1(a) proposed by the Respondent must be submitted as an Alternative Quotation in accordance with clause 14.

### **13.3 Council not obliged**

Council may, but is not bound to, consider or accept a Non-Conforming Quotation i.e. a quotation that does not comply with the Quotation Criteria.

## **14 Alternative quotations**

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### **14.1 Submission of alternative quotations**

Where a Respondent seeks to vary the Quotation Criteria of Council, the Respondent may, subject to this clause, in addition to any Conforming Quotation submitted, also submit an Alternative Quotation clearly marked as 'Alternative Quotation'. The Alternative Quotation must clearly describe the extent to which the Quotation Criteria are proposed to be varied by, amongst other things, completing the Statement of Additions and Variations found in Quotation schedule 3.

### **14.2 Alternative quotations are non conforming**

An Alternative Quotation is not a Conforming Quotation.

### **14.3 Council not obliged**

Council may, but is not bound to, consider or accept an Alternative Quotation.

## **15 Statement of departures**

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### **15.1 Statement of departures to be provided**

Each Respondent, whether it provides a Conforming Quotation, a Non-Conforming Quotation or an Alternative Quotation, must provide a Statement of Departures with the Quotation. The purpose of this Statement is to highlight those clauses in the Contract and/or conditions in the Quotation Documents that the Respondent does not accept or will not be able to fully comply with.

### **15.2 Format**

The Statement of Departures must be in the format and completed in accordance with the instructions specified in Quotation schedule 2.

### **15.3 Quotations deemed compliant**

If the Statement of Departures is not completed or if it does not indicate clauses or conditions of the Contract or Quotation Documents that the Respondent does not accept or will not be able to fully comply with, the Respondent will be deemed to have fully complied with and accepted all those clauses and conditions. Such full compliance means:

- (a) in the case of a clause which is of an informative nature only – that the clause has been read and understood;



- (b) in the case of a clause which imposes a contractual condition – that the condition is agreed to in a strict and literal sense; and
- (c) in the case of a clause which specifies a characteristic or performance standard to be met by the Respondent – that the Respondent's offer is to provide or exceed the specified characteristic or standard.

## **16 Statement of additions and variations**

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### **16.1 Respondent to specify**

In addition to or in lieu of an Alternative Quotation, if there are any:

- (a) proposed optional additions to the requirements in the Quotation documents; and/or
- (b) proposed optional variations to the requirements in the Quotation documents

which the Respondent is willing to incorporate as part of its Quotation and which will have significant commercial value to Council and which are proposed by the Respondent then the Respondent must specify these in a Statement of Additions and Variations in accordance with Quotation schedule 3.

### **16.2 Council's discretion**

Incorporation of any additions or variations specified in the Statement of Additions and Variations of the Respondent is at the discretion of Council.

## **17 Acceptance and consideration of quotations**

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### **17.1 Council not obliged**

Council is under no obligation to accept the lowest or any Quotation.

### **17.2 Council may annul quotation process**

Without limiting any other term of the Conditions of Quotation (which includes but is not limited to clause 27, 28 and 31 hereof), Council may accept or reject any Quotation, annul the Quotation process and reject all Quotations, at any time prior to the Date of Acceptance of Quotation, without incurring any liability for cost, expense, loss or damage to the affected Respondent or Respondents or any obligation to inform the affected Respondent or Respondents of the grounds for Council's action or inaction.

### **17.3 Council's other discretions**

Council may at any time in its absolute discretion during the Quotation Period:

- (a) request clarification or additional information from any Respondent;
- (b) provide additional information to any or all Respondents;
- (c) invite a Respondent to change its Quotation to take account of a change in any regard concerning the Quotation Documents, which includes, but is not limited to, the Technical Specification;



- (d) discontinue negotiations with any Respondent;
- (e) decide not to proceed with a quotation process; and
- (f) enter into discussions with one or more Respondents including as to their Quotation Price.

#### **17.4 Acceptance of a quotation**

A Quotation is deemed to be accepted by Council only when Council provides to a Respondent a Letter of Acceptance.

#### **17.5 Actions following acceptance**

Following acceptance of a Quotation, Council may, but is not required to, notify the name of the successful Respondent(s) to all unsuccessful Respondents and may at its discretion disclose the accepted Quotation Price(s).

### **18 Signing of quotation**

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If the Respondent is a corporation, the Quotation shall be signed by the affixing of the signature of a senior executive of the corporation having authority to sign the Quotation on its behalf or by affixing the seal of the corporation in accordance with its constitution and the *Corporations Act 2001* (Cth).

### **19 Evidence of respondent's licensing**

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#### **19.1 Evidence of licensing**

It is a requirement of the *Queensland Building and Construction Commission Act 1991* that a Contractor must be licensed to carry out certain works and services. If any of the Services requires a licence under that Act then the Respondent must submit with its Quotation evidence of such licence.

#### **19.2 Obligation to indemnify**

The Respondent's submission of a Quotation in response to the Conditions of Quotation means that the Respondent irrevocably warrants that it complies in all respects (including concerning licences) in accordance with the *Queensland Building and Construction Commission Act 1991* and the Respondent agrees to indemnify Council for any breach of this warranty.

### **20 Nature of contract**

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#### **20.1 General**

- (a) The nature of the Contract is as stated in the Quote Documents, being:
  - (i) lump sum (including a lump sum schedule of rates);
  - (ii) remeasurable schedule of rates; or
  - (iii) if expressly stated to be so, a combination of (i) and (ii).





- (b) For the purposes of the Conditions of Quotation, including this clause 21 and the Pricing Schedule, 'lump sum' means the Works will be performed by the Respondent under the Contract for a fixed price, which may only be adjusted as provided for in the Contract.
- (c) If the Contract contains a schedule of rates, the Contractor may be paid either a lump sum or on a remeasurable schedule of rates. Unless expressly stated to the contrary in the Quote Documents, the Contract and any reference to it as containing a schedule of rates means that the Works will be performed for a lump sum and will not be remeasurable.
- (d) Any quantities that have been provided in any Pricing Schedule by or on behalf of Council and which schedule is in, is adopted from or is part of any document forming part of the Quote Documents and the Contract (whether prepared by or on behalf of Council or the Respondent) are provisional, estimated and indicative quantities only, are not guaranteed by Council and may be increased or decreased in accordance with the Contract.
- (e) If there is any discrepancy between the Quote Price and the quantities of prices, rates or other information (or their respective summation) described in the Pricing Schedule:
  - (i) if the Contract is a lump sum contract, then the Quote Price has priority over the individual items of information in the Pricing Schedule; and
  - (ii) if the Contract is a remeasurable schedule of rates contract, then the rates shown in the Pricing Schedule have priority over the Quote Price.

## **20.2 Lump sum contract**

For lump sum contracts:

- (a) the Respondent shall state the lump sum Quote Price in the Letter of Quote to perform the Works;
- (b) The Respondent shall also complete the Pricing Schedule which must be fully priced and summed to agree with the lump sum Quote Price in the Letter of Quote;
- (c) Any items not listed in the Pricing Schedule but necessary for the completion of the Works in accordance with the Contract shall be deemed to be included in the Pricing Schedule and in the Quote Price; and
- (d) If any correction is necessary in the Pricing Schedule to agree with the lump sum Quote Price, if directed by Council the Respondent must immediately make such alterations in and to the Pricing Schedule as Council may consider necessary for such purpose.

## **20.3 Lump Sum Schedule of rates contract**

For schedule of rates contracts:

- (a) as described in clause 20.1(c) above, unless expressly stated to the contrary in the Quote Documents, the Quote Price is lump sum;
- (b) the Respondent must complete the Pricing Schedule by adding its tendered rates to the quantities or nature of the Works described;
- (c) if not satisfied with the completeness of the Pricing Schedule, the Respondent shall insert any further items which the Respondent requires to price separately. Any other items





not listed in the Pricing Schedule but necessary for the completion of the Works in accordance with the Contract shall be deemed to be included in the Pricing Schedule;

- (d) the Respondent shall state in the Pricing Schedule the Quote Price by summing the itemised amounts in the Pricing Schedule, and this sum shall be inserted in the Letter of Quote. This sum shall be the lump sum Quote Price; and
- (e) if any error is made in the calculations or summation of the itemised amounts in the Pricing Schedule, the Respondent shall be bound by the Quote Price stated in the Letter of Quote and the rates and amounts in the Pricing Schedule may be altered by Council to conform with the Quote Price.

#### **20.4 Remeasurable Schedule of Rates Contract**

Further to clause 20.1, if it is expressly stated in the Quote Documents that the Contract is a remeasurable schedule of rates contract, then:

- (a) the Works performed under the Contract may be measured to recalculate the amount payable to the Contractor under the Contract;
- (b) the Respondent will complete the Pricing Schedule by adding its rates and totalling those rates, not as a lump sum, but for the purposes of enabling Council to compare Tenders;
- (c) where Council has accepted rates, the amount payable under the Contract will be the sum of the product ascertained by multiplying the measured quantity of each item of work actually carried out under the Contract by the rate accepted by Council for the item;
- (d) where the actual quantity of part of the Works required to perform the Contract is:
  - (i) less than the quantity shown in the Pricing Schedule, where Council accepted a rate for that part of the Works, the rate shall apply to the lesser quantities; and
  - (ii) greater than the quantity shown in the Pricing Schedule, the amount payable under the Contract will only be adjusted in the terms of any variation properly issued under and in accordance with the Contract; and
- (e) if there is any error in the rates or prices in the Pricing Schedule which is different to the Quote Price, the rates and prices described in the Pricing Schedule apply.

## **21 Warranties**

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### **21.1 Respondent's investigations**

In submitting a Quotation, the Respondent warrants that it has carried out all relevant investigations (including of the Site and whether or not the Respondent has availed itself of any opportunity to inspect the Site or otherwise and whether the opportunity to so inspect the Site has been given to the Respondent or not) and has examined and acquainted itself with and satisfied itself concerning:

- (a) the contents of the Quotation Documents and their completeness;
- (b) all information which is relevant to the risks, contingencies and other circumstances which could affect the Quotation;
- (c) the accuracy, completeness and sufficiency of the Quotation; and



- (d) the appropriateness and sufficiency of the Quotation Price offered by the Respondent in its Quotation to perform the Services.

## **21.2 Respondent's ability**

In submitting the Quotation, the Respondent further warrants:

- (a) the accuracy of all information provided by the Respondent in the Quotation;
- (b) that it has all necessary experience, skill and resources to perform and carry out its obligations in accordance with the Quotation Documents;
- (c) that it is willing to accept the contractual terms and conditions of Council as contained or described in the Quotation Documents; and
- (d) that the Respondent is able to commence the services the subject of this Quotation as required by Council.

## **22 Investigations by respondents**

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### **22.1 Respondent to investigate**

Respondents must make their own investigations as to the nature of the Site and its surrounds and satisfy themselves as to the accuracy and completeness of any matters stated in the Quotation Documents and of any assumptions upon which Respondents base their Quotations prior to submitting their Quotation.

### **22.2 Access to site**

- (a) Access to the Site for the purposes of conducting investigations may be arranged by contacting the person specified in clause 8.
- (b) Before entering the Site, the Respondent must inform itself of, and take, all necessary precautions to avoid harm to themselves or damage to their property during the visit.
- (c) The Respondent assumes complete responsibility for their safety and that of their invitees, notwithstanding any omissions, errors or inadequacies in the conditions or information provided by Council regarding the Site visit.

Council will not be arranging an inspection of the Site. If a Respondent wishes to visit the site, they may do so at their own cost and risk subject to the following conditions:

- (a) the Respondent must notify Council in advance of the day and time it intends to visit, and if Council advises that the proposed day or time is inappropriate or inconvenient, the Respondent must propose an alternative day and time for Council's consideration;
- (b) any visit is done in accordance with all conditions advised by Council;
- (c) before entering the Site, the Respondent must inform itself of, and take, all necessary precautions to avoid harm to themselves or damage to their property during the visit; and
- (d) the Respondent assumes complete responsibility for their safety and that of their invitees, notwithstanding any omissions, errors or inadequacies in the conditions or information provided by Council regarding the Site visit.



### **22.3 Respondent remains responsible**

Failure to investigate or to fully and properly investigate the conditions associated with the Site and the Services shall not relieve the Respondent from responsibility for properly estimating the difficulty or cost of successfully performing the Services. This clause and other relevant clauses of these Conditions of Quotation (which without limitation include clauses 21 and 28) apply whether access to the Site has been given to Respondents or whether it has not.

## **23 Information required after opening of quotations**

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### **23.1 Respondent to provide additional information if requested**

The Respondent must provide, after the opening of Quotations, any additional information which may be requested by Council for evaluation of the Quotation(s).

### **23.2 Respondent interviews**

Without limiting clause 17, Council may also interview a Respondent in relation to the Quotation. The Respondent shall be represented at such interviews by a responsible member or members of its staff who are conversant with all technical, financial and contractual details of the Quotation, who are authorised to make, at the interview, any decision on behalf of the Respondent and who are able to indicate the relative values of any items under discussion.

### **23.3 Changes to quotations**

Council may after the Quotation Closing Date invite all or any Respondents to change their Quotation to take into account changes to the Quotation Documents as may be advised by Council.

## **24 Quotation evaluation**

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### **24.1 Local government act**

Evaluation of Quotations will be generally in accordance with the requirements of the *Local Government Act 2009* (Qld) and other applicable Legislative Requirements. Section 104 of the *Local Government Act 2009* requires Council to have regard to the following principles:

- (a) open and effective competition;
- (b) value for money;
- (c) development of local business and industry;
- (d) environmental protection; and
- (e) ethical behaviour and fair dealing.

### **24.2 Local Preference**

In consideration of supporting local business and industry, Council will apply an additional weighting to conforming tendered prices submitted by local suppliers.



The maximum percentage applied to local businesses is 10 percent. Lower percentages are applicable based upon the value of the contract, with higher value contracts attracting lower percentages.

### 24.3 Other

In addition to the principles in clause 25.1 above, factors which will be taken into consideration by Council in assessing Quotations and Respondents include:

<p><b>A) Tenderer Qualifications</b> Describe the Respondent’s qualifications including the list below in an attachment and label it “ <b>Tenderer Qualifications</b>” per index:</p> <p>(a) Statement of previous experience detailing the square metres and number of projects performed using the survey methods detailed in this specifications;</p>	<p><b>Weighting &lt;30%&gt;</b></p>	
	<p>“Tenderer Qualifications”</p>	<p>Tick if attached <input type="checkbox"/></p>
<p><b>B) Key Personnel skills and experience</b> Respondents should provide as a minimum in an attachment labelled “<b>Key Personnel</b>” per index information of proposed personnel to be allocated to this project, including:</p> <p>(a) Their role in the performance of the Contract; and (b) Curriculum vitae; and (c) Membership of any professional or business association; and (d) Qualifications, with particular emphasis on experience of personnel in projects with a similar requirement including a statement meeting the requirements of Clause 2 of the Scope of Services; and (e) Statement of experience detailing the square metres and number of projects successfully performed using the survey methods detailed in the Scope of Services.</p>	<p><b>Weighting &lt;35%&gt;</b></p>	
	<p>“Key Personnel”</p>	<p>Tick if attached <input type="checkbox"/></p>
<p><b>C) Demonstrated Understanding</b> Respondents should detail the process they intend to use to achieve compliance with the requirements of the Specification, including:</p> <p>(a) A demonstrated understanding of the scope of work including relevant methodology/work-method statements; and (b) A construction program detailing the anticipated durations and interrelations of the various Survey activities (e.g. site establishment, calibration, testing, repairs); and (c) Description of survey methods, procedures, site preparations, quality control procedures and field sensitivity testing procedures proposed; and (d) Details of Labour and Equipment (to be supplied by Others) required for survey area preparation; and (e) Details of Labour and Equipment (to be supplied by Others) required for the Dipole Leak Location Survey; and (f) Details of Labour and Equipment (to be supplied by Others) required for Repair work and testing of repairs.</p>	<p><b>Weighting &lt;35%&gt;</b></p>	
	<p>“Demonstrated Understanding”</p>	<p>Tick if attached <input type="checkbox"/></p>



#### **24.4 Council may change criteria**

Without limitation to Council's rights under any other provision of these Conditions of Quotation, Council may change any criteria set out or referred to in this clause 25 without any obligation to notify Respondents of such change.

### **25 Contract**

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#### **25.1 Council to send contract for signing**

Following the sending of any Letter of Acceptance pursuant to clause 17, the Contract will be sent to the successful Respondent for signing.

#### **25.2 Respondent must sign contract**

Within seven Days of being requested in writing by Council to do so, the successful Respondent must sign the Contract and return it to Council.

### **26 Representations by Council**

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#### **26.1 Council makes no representations**

Council does not make any representations, express, implied or inferred, or provide any undertakings to Respondents other than to invite them to submit a Quotation.

#### **26.2 Council not obliged to contract**

Council is not obliged to negotiate or sign a Contract with any Respondent.

#### **26.3 Council may terminate quotation process**

Council may, by notice in writing to the Respondents, terminate this quotation process at any time at no cost or loss (contingent or otherwise) to Council and the Respondent shall have no right or entitlement for any compensation whatsoever arising from such termination.

#### **26.4 Council not liable for respondent's costs**

Without limiting the terms of clause 27.3, Council is not responsible for, or is not liable to pay for any costs, expenses, losses or damages which may be incurred by any Respondent in the preparation or submission of its Quotation.

### **27 Reliance by respondent**

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#### **27.1 Quotation information for convenience only**

Any information supplied to a Respondent in the Quotation Documents or otherwise or in subsequent oral or written communication by or on behalf of Council is provided to the Respondent for convenience only and may not be complete, up to date or accurate.



## **27.2 Respondent not to rely**

The Respondent will not rely upon any matter disclosed or representation, warranty or statement (oral or otherwise) made to the Respondent by Council, whether in the Quotation Documents or otherwise, and will make and rely solely upon its own independent investigation, judgment and assessment of any such matter or representation.

## **27.3 Respondent to examine information**

The Respondent must carefully review the Quotation Documents and all documentation and all other material provided and must make any enquiries which the Respondent considers necessary or desirable to verify the information and materials contained in the Quotation Documents or in any subsequent oral or written communication or material. The Respondent has no right or entitlement for time or financial compensation of any kind arising from, or with respect to, or by reason of any error, omission, or misrepresentation (including for any incompleteness or inaccuracy) in the Quotation Documents.

## **27.4 Council not liable**

The Respondent releases Council against any liability or cost, expense, loss or damage arising from any claim, suit, demand, proceeding or action which, but for this document, the Respondent may have had against Council in respect of any matter disclosed or representation or warranty (oral or otherwise) made to the Respondent by Council.

## **28 No collusion**

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The Respondent warrants that:

- (a) neither the Respondent nor any of its servants or agents nor any other party on its behalf had any knowledge of the Quotation Price of any other Respondent prior to submitting its Quotation nor has the Respondent disclosed to any rival Respondent the Quotation Price;
- (b) neither the Respondent nor any of its servants or agents nor any other party on its behalf have entered into any contract, arrangement or understanding having the result that on having its Quotation accepted and/or being awarded the Contract, the Respondent will pay to any unsuccessful Respondent any moneys or other reward in respect of or in relation to the Quotation or any Contract; and
- (c) the Quotation is a genuine competitive quotation.

## **29 Conflicts of interest**

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### **29.1 Respondent to identify conflicts**

Respondents must clearly identify in their Quotation if they have any actual or perceived conflict in responding to this Quotation, and if so, the manner in which they intend to deal with that conflict.

### **29.2 Respondent to notify if conflict arises**

If, at any time, an actual or potential conflict of interest arises for any Respondent, that Respondent must immediately notify Council in writing of that conflict of interest.





### **29.3 Council's rights**

If a Respondent notifies Council of an actual or potential conflict of interest or Council becomes aware of the existence of an actual or potential conflict of interest, Council may, in its absolute discretion:

- (a) enter into discussions to seek to resolve such conflict of interest;
- (b) cease further consideration of and disregard the Quotation lodged by that Respondent; and/or
- (c) take any other action, as it considers appropriate.

### **29.4 Respondent must not canvas support**

Any Respondent who directly or indirectly canvasses support from an elected member, employee or agent of Council will be disqualified and any Quotation submitted will not be considered.

## **30 Costs of quotation**

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Council is not liable for any costs, expenses, losses or damages, however arising which a Respondent incurs or becomes liable for in relation to or in connection with the preparation of a Quotation, any representations by or on behalf of Council, the submission of a Quotation, subsequent clarifications to a Quotation, submissions after lodgement of a Quotation (whether or not that submission is required by Council), or any other part of the Quotation process and the Respondent releases Council from any such claim whatsoever and howsoever brought. Each Respondent participates in this Quotation at its own risk.

## **31 Use of information**

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### **31.1 Quotations are council property**

All Quotations submitted by a Respondent become the property of Council and will not be returned to the Respondents.

### **31.2 Quotation documents are council property**

The Quotation Documents and all documents, information, Drawings, specifications, technical information and other material and information provided to a Respondent (whether before or after the issue of these Conditions of Quotation):

- (a) remain the property of Council;
- (b) must only be used for the purpose of preparing a Quotation and for no other purpose;
- (c) must not be disclosed to any person other than to a person who is assisting the Respondent in preparing its Quotation; and
- (d) must be returned by an unsuccessful Respondent to Council within 7 Days of being requested to do so by Council.



### **31.3 Intellectual property in quotation documents**

All intellectual property rights which exist in information contained in these Conditions of Quotation or any related material will remain the property of Council but the Respondent is permitted to use that information and material for the purpose only of compiling its Quotation.

### **31.4 Respondent licences council**

Each Respondent licences Council and its officers, employees, agents, advisers and representatives ('Personnel') to copy, adapt, amend, disclose or do anything else necessary (in Council's sole discretion) to all material (including that which contains intellectual property rights of the Respondent or other persons) contained in its Quotation for the purpose of Council's evaluation of that Quotation, negotiating any Contract with the successful Respondent (if this Quotation process proceeds to that stage) and this Quotation process generally.

### **31.5 Council may make copies**

Council and its Personnel may make such copies of a Quotation as it requires for those purposes.

## **32 Privacy act compliance**

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In relation to any 'personal information' (as defined in the Privacy Act) provided by a Respondent in connection with its Quotation, the Respondent warrants to Council:

- (a) the Respondent has obtained the consent of each individual about which any 'sensitive information' (as defined in the Privacy Act) is provided;
- (b) the Respondent has ensured or will ensure, within the time required by the Privacy Act, that each individual about whom any 'personal information' is provided has received a written statement setting out all of the matters required by the National Privacy Principles:
  - (i) in relation to the disclosure of the 'personal information' to Council, any related body corporate of Council and any of their advisers, agents or employees requiring the information for the purposes set out below; and
  - (ii) disclosing that the entities referred to above shall use the 'personal information' for the purpose of reviewing and assessing the Respondent's Quotation; and
- (c) the Respondent will comply with the provisions of the Privacy Act in relation to any 'personal information' provided to the Respondent by Council, any related body corporate of Council any of their advisers, agents or employees.

## **33 Governing law and jurisdiction**

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### **33.1 Governing law**

The Conditions of Quotation and the Quotation Documents are governed by the laws in force in Queensland.

### **33.2 Governing jurisdiction**

Each party irrevocably submits to the exclusive jurisdiction of the courts of Queensland and the courts of appeal from them.





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## Services Agreement

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Mackay Regional Council ABN 56 240 712 069

And

**INSERT NAME ABN INSERT**

DRAFT



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# Services Agreement

Made on \_\_\_\_\_

## Parties

**Council** Mackay Regional Council ABN 56 240 712 069

of Gordon Street, Mackay, Queensland

**Contractor** [Insert name]

of [Insert address]

## Operative provisions

### 1 Definitions and interpretation

#### 1.1 Definitions

Term	Definition
<b>Agreement</b>	means the agreement between the parties, comprising this Services Agreement and the Schedules (and any other documents annexed to this Services Agreement or referred to and incorporated by reference).
<b>Claim</b>	means any claim, action, proceeding or demand, however it arises and whether it is present or future, fixed or unascertained, actual or contingent.
<b>Commencement Date</b>	means the date specified in Schedule 1, or if no date is described, the date this Agreement is signed.
<b>Completion Date</b>	means: (a) the date or dates specified in Schedule 1 for the completion of the Services; or (b) if no dates are specified, the date that is derived by adding the fixed time period stated in Schedule 1 as being the Term to the Commencement Date.
<b>Contract</b>	is this document and has the same meaning as 'Agreement'.
<b>Contractor</b>	means the person named in this Agreement as the Contractor or provider of the Services, together with its employees, agents and representatives.
<b>Council</b>	means Mackay Regional Council, together with its employees, agents and representatives.
<b>Conflict of Interest</b>	means a commercial or professional conflict of interest, either real, perceived, anticipated or identified as a risk



Term	Definition
<b>Good Faith</b>	<p>or as a possibility of arising, identified by either party in respect to the ongoing performance of the Services (either pursuant to obligations and rights arising under this document or any other arrangement or agreement, with the Contractor or with others, either past, current or in the future).</p> <p>means that Council and the Contractor will:</p> <ul style="list-style-type: none"> <li>(a) be fair, reasonable and honest; and</li> <li>(b) do all things reasonably expected of it by the other party and by this document.</li> </ul>
<b>Intellectual Property Rights</b>	<p>includes without limitation the rights attaching to inventions, patents, designs, trade marks, copyright, circuit layouts and confidential information whether registrable, registered or not.</p>
<b>Legislation or Legislative Requirements</b>	<p>includes:</p> <ul style="list-style-type: none"> <li>(a) acts, regulations, by-laws, ordinances, orders, awards and proclamations of the Commonwealth, the State or Territory or the local government relevant to the matters the subject of the Agreement, the Services or where any part of the Services are being carried out;</li> <li>(b) certificates, licences, consents, permits, approvals and requirements of organisations having jurisdiction in connection with the carrying out of the Agreement; and</li> <li>(c) fees and charges payable in connection with the foregoing.</li> </ul>
<b>Licences</b>	<p>means all licences, qualifications, registrations and other statutory requirements necessary for supply of the Services under this Agreement.</p>
<b>Policies and Plans</b>	<p>means Council's published or to be published policies and plans which may be amended from time to time.</p>
<b>Price</b>	<p>means the Price ascertained by reference to the Annexure called 'Schedule of Rates and Prices'.</p>
<b>Schedule of Rates and Prices</b>	<p>is the document in the Annexure by which the Price (including any reimbursement of expenses) is determined.</p>
<b>Services</b>	<p>means the services to be provided by the Contractor.</p>
<b>Technical Materials</b>	<p>includes information, specifications, reports, accounts and any other material and any intellectual property rights attaching to or contained within those technical materials, provided by Council to the Contractor pursuant to this Agreement.</p>
<b>Term</b>	<p>means unless terminated earlier or extended pursuant to this Agreement, the period that commences on the Commencement Date and expires on the Completion Date.</p>

## 1.2 Interpretation



In this Agreement:

- (a) a singular word includes the plural and vice versa;
- (b) if a word or phrase is defined, its other grammatical forms have a corresponding meaning;
- (c) whenever the words 'include', 'included' or 'including' are used, those words will be interpreted as if they were preceded by the further words 'but not limited to' or the appropriate grammatical derivative;
- (d) this Agreement is the entire agreement between the parties and cancels all previous offers, negotiations, representations and agreements made by or between Council and the Contractor in relation to the supply of the Services;
- (e) a clause or part of a clause that is illegal or unenforceable may be severed from this Agreement and the remaining clauses or parts of the clause continue in force;
- (f) in the construction or interpretation of this Agreement, no rule of construction or interpretation applies to Council's disadvantage on the basis that Council prepared this Agreement or because Council relies on a provision of this Agreement as a reason (if required) for any action or inaction on its part or to protect itself;
- (g) the failure of a party to require full or partial performance of a provision of this Agreement does not affect the right of that party to require performance subsequently;
- (h) a single or partial exercise of or waiver of the exercise of any rights, power or remedy does not preclude any other or further exercise of that, or any other right, power or remedy;
- (i) a right may only be waived in writing signed by the party granting the waiver, and is effective only to the extent specifically set out in the waiver;
- (j) if there is an ambiguity between any documents comprising this Agreement:
  - (i) Council will direct the interpretation to be followed:
  - (ii) the Contractor will comply with any such direction; and
  - (iii) the Contractor will have no entitlement to make any claim against Council arising from or in connection with the ambiguity, whether under this Agreement or otherwise; and
  - (iv) The terms of this Agreement apply to the supply of the Services, even if supplied prior to the signing of this agreement.

## **1A Pre-Start Meeting**

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- a) The Contractor shall prior to commencing the Services, attend a Pre-start Meeting to be held in Mackay at a time and date nominated by MRC and at that meeting shall satisfy MRC of the:
  - (i) payment of all insurances required by, and evidence of insurance policies strictly in accordance with this document;
  - (ii) payment of any fees required pursuant to any Legislative Requirements; and



- (iii) fulfilment of the consultation obligations under the *Work Health and Safety Act 2011* and *Regulations ('WHS Act')*, being that where the Contractor is for the purposes of the WHS Act a:
  - (A) 'designer' of a 'structure' that is, or is part of, 'construction work' – that the Contractor has engaged in necessary consultation with MRC and other relevant parties about how the construction work in connection with the design can be undertaken in a way that prevents or minimises all risks to health and safety;
  - (B) 'project manager' for 'construction work' – that the Contractor has engaged in necessary consultation with MRC and other relevant parties about how the construction work can be planned and managed in a way that prevents or minimises all risks to health and safety; and
  - (C) 'principal contractor' for 'construction work' – that the Contractor has engaged in necessary consultation with MRC and other relevant parties about how the construction work can be undertaken in a way that prevents or minimises all risks to health and safety.
- (b) At this meeting the Contractor shall also present to MRC for MRC's approval:
  - (i) Confidentiality Undertakings in the form set out in 3;
  - (ii) a Program and confirmation of the Completion Date;
  - (iii) a list of its Key Personnel and an acknowledgement of the terms of clause 7 in so far as those Subcontractors are concerned; and
  - (iv) evidence to MRC's satisfaction of the Contractor's compliance with the Policies and Plans and of its Quality Assurance System.
- (c) The meeting may also address the following matters:
  - (i) lines of communication and authority levels;
  - (ii) frequency and venue of monthly and other meetings, including pursuant to clause 6.1;
  - (iii) the requirements and particulars required in progress reports to be provided by the Contractor pursuant to clause 6.2;
  - (iv) invoicing procedures; and
  - (v) any site induction/accreditation of the Contractor's Personnel.
- (d) Until each of the issues in clause 1A(a) and (b) has been satisfactorily addressed and resolved to MRC's satisfaction, the Contractor shall have no right to invoice under clause 10 or to otherwise seek payment of its Fee and has no other Claim .

## **2 Supply of services**

---

- (a) The Contractor must provide the Services to Council from the Commencement Date for the Term, in accordance with, and as specified in, this Agreement.



- (b) Option:
- (i) Council may extend the Term (and the Completion Date) for up to one year at a time, on the same terms as this document. If Council wishes to extend the Term (and the Completion Date) it will give the Contractor written notice prior to the Completion Date.
  - (ii) The Term may be extended twice for one year's extension on each occasion.
- (c) Representation
- The Contractor agrees and represents to Council that:
- (i) it has carefully reviewed the description of the Services prior to entering into this document;
  - (ii) the Price includes all costs and expenses which may be incurred by the Contractor as a result of the matters referred to, identified in, or to be reasonably inferred from, or contemplated by this document;
  - (iii) it has made its own investigation and assessment of the work and risks involved in providing the Services and it has reviewed and satisfied itself about the information that Council has made available to it about the Services and this document; and
  - (iv) the scope of the Services includes all incidental and related work which may arise from matters referred to, identified in, or to be reasonably inferred from or contemplated by the description of the Services.
- (d) The Contractor warrants that the Services will:
- (i) match the description in this Agreement;
  - (ii) be performed with skill, care and diligence;
  - (iii) be performed by appropriately qualified and trained personnel; and
  - (iv) comply with any relevant Legislative Requirements, the standards that Council may nominate and the Policies and Plans.
- (e) The Contractor must:
- (i) comply with any reasonable direction given to it by Council in respect to the Services;
  - (ii) keep Council fully informed in respect to all aspects of the Services; and
  - (iii) comply with any reporting or meeting requirements directed by Council.

### **3 Compliance with the law**

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The Contractor must:

- (a) comply with all Legislative Requirements applicable to the supply of the Services;



- (b) obtain at its expense, any necessary Licences or permits and comply with all applicable Legislation in supplying the Services to Council; and
- (c) comply with all Policies and Plans.

#### **4 WH & S Requirements**

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- (a) As a condition of this contract, Mackay Regional Council requires that any contractor (or contractor's sub-contractor) engaged to perform a service will at all times identify and exercise all necessary precautions for WH&S of all persons who may be affected by the services.
- (b) The contractor will inform Mackay Regional Council of all its WH&S policies, procedures, or measures implemented for individual workplaces or in the event of not having effective policies and procedures, will adopt Mackay Regional Council relevant WH&S policies and procedures.
- (c) The contractor will comply with any reasonable direction given by Mackay Regional Council relating to WH&S.
- (d) The Contractor has an obligation under the *Work Health and Safety Act 2011* to provide a safe place and a safe system of work so as not to place at risk the contractor's own employees and well as other workers and the general public at the workplace. The contractor must comply with all relevant enactments, associated WH&S Regulation, Standards, Codes of Practices and Mackay Regional Council WH&S policies and procedures which are in any way applicable to this contract, or the performance of the services under this contract.
- (e) The contractor has an obligation to take all practicable steps to ensure the WH&S of its employees, sub-contractors and their employees and other people (not employees) who may be affected by the contractor's work practices.
- (f) The WH&S Management System of the Contractor must be the minimum requirement to demonstrate compliance with all duties of an employer specified under legislation. The Contractor must submit a copy of their company WH&S Management System documentation that must include as a minimum requirement:
  - WH&S policy & objectives;
  - Organisational structure & responsibilities;
  - Relevant risk assessments & controls (sample);
  - Relevant safe working procedures (index);
  - WH&S training & induction processes and records (Certificates of competencies (ticket as an electrician) and licences (truck drivers));
  - WH&S inspections & auditing procedures;
  - WH&S consultative processes;
  - Incident reporting & investigation procedures; and
  - Performance monitoring mechanisms.
- (g) The contractor will:

- Undertake a site hazard identification to systematically identify and assess hazards;
  - Establish and maintain a register (or form) of on-site hazards in which the contractor will record each identified hazards, the date it was identified and the measures taken to control the hazard; and
  - The contractor will make the register (or form) available to Mackay Regional Council for inspection.
- (h) Specific indication for hazardous work must be outlined e.g., hot work – using a hot work permit, hazardous substances, confined spaces permit, asbestos, excavation, trenching, height work and working with explosives.
- (i) The contractor must prepare and submit risk assessments and relevant control strategies prior to commencement of work under the contract. The completed risk assessment and control strategies will be reviewed and approved by Mackay Regional Council prior to the commencement of work under the contract. Relevant generic risk assessments and controls will be acceptable.
- (j) The contractor must ensure that all workplace staff are competent in the work being undertaken. The contractor will provide the employees and sub-contractors with information about hazardous work processes or material and supervision.
- (k) All employees are to have a general induction and the contractor is to produce records of their construction industry induction ticket.
- (l) Each person visiting a construction workplace are to receive a site-specific induction.
- (m) The contractor is required to report any serious bodily injuries or dangerous events to the relevant authority within the specified time frame. In addition, the contractor must promptly notify Mackay Regional Council of any accident, injury, property or environmental damage, which occurs during the carrying out of the contract work.
- (n) All lost time incidents are to be immediately notified to Mackay Regional Council. The contractor must within 3 days of any such incident provide a report giving complete details of the incident, including results of the investigations into the causes, and any recommendations or strategies identified for the preventions in the future.

## **5 Quality Assurance System**

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The Contractor will carry out the Services under a quality assurance system in accordance with that standard and the requirements of this document.

## **6 Meetings and reporting**

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### **6.1 Meeting**

Council and the Contractor shall meet at times reasonably required by Council to discuss:

- (a) the progress of the Services and the Contract; and

- (b) any other matters which Council may wish to raise at a meeting concerning the Services and this document.

## 6.2 Progress Reports

The Contractor must, as at the last business day of each month and at other times reasonably requested by Council, provide Council with detailed written progress reports as to the provision of the Services in such detail as allows Council to ascertain whether the Services are being performed in accordance with this document.

## 7 Subcontracting

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- (a) The Contractor must not subcontract or assign any right or obligation under this Agreement without Council's prior written consent.
- (b) If the Contractor subcontracts any of the Services, the Contractor:
  - (i) remains fully responsible for the Services and its obligations under this Agreement; and
  - (ii) will be liable to Council for acts or omissions of its subcontractors as if they were acts or omissions of the Contractor.

## 8 Variations

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- (a) Council may at any time give the Contractor a notice of its intention to vary this Agreement.
- (b) Within 7 days of receipt of a notice under clause 8(a), the Contractor will prepare a notice setting out any increase or decrease in the Price as a result of the Variation.
- (c) After receiving the Contractor's notice under clause 8(b), Council may serve a further notice on the Contractor:
  - (i) requiring the Agreement be varied in accordance with the Contractor's notice given under clause (b); and
  - (ii) specifying any adjustment to the Price.
- (d) Without limiting Council's rights, Council may omit all or any part of the Services and undertake them itself or engage others to do so and the Contractor will have no Claim.

## 9 Suspension

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- (a) Council may, by notice in writing at any time to the Contractor:
  - (i) suspend the supply of Services; and
  - (ii) direct the Contractor to recommence the supply of the Services.
- (b) The Contractor will have no Claim of any kind against Council arising out of the suspension.



## 10 Invoicing and payment

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- (a) Council will, subject to the terms of this Agreement, pay the Contractor the Price ascertained by reference to this Agreement.
- (b) The Contractor can only invoice Council at the times provided in the Schedule. Invoices must be provided in sufficient detail to describe the Services carried out and the calculation of the Fee and otherwise be in a form and have sufficiency of detail as decided by Council.
- (c) Council will pay all invoices rendered to Council by the Contractor under clause (b) within 30 days of receipt of that invoice, except where Council dispute the invoice, in which case:
  - (i) Council will pay the undisputed part of the relevant invoice (if any) and dispute the balance; and
  - (ii) if the resolution of the dispute determines that Council is to pay an amount to the Contractor, Council will pay that amount upon resolution of that dispute.
- (d) Payments by Council are on account only and are not evidence of Council's acceptance that the Services have been performed in accordance with the Agreement.
- (e) Council may reduce any payment due to the Contractor under these terms by any amount for which the Contractor is or in Council's sole opinion is or may become liable to Council, including costs, charges, damages and expenses. This does not limit Council's right to recover those amounts in other ways.
- (f) If any Supply made under or in connection with this Agreement is a Taxable Supply then the recipient of that Supply shall pay the GST in respect of that Supply to the Contractor, where the GST is calculated in accordance with the GST Act and on the basis that the consideration otherwise payable is the Value of the Taxable Supply.
- (g) The terms in clause (f) which commence with capital letters have the same meaning as in *A New Tax System (Services and Services Tax) Act 1999* as amended.

## 11 Reimbursement of disbursements

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Provided that any claim for expenses is properly submitted and in accordance with the Schedule of Rates and Prices, Council will reimburse the Contractor for reasonable expenses incurred by the Contractor in completing the Services, provided that:

- (a) the expenses are incurred:
  - (i) at the request of Council; and
  - (ii) with the prior written approval of Council; and
- (b) the Contractor provides to Council Tax Invoices and other supporting documentation substantiating that the expenses have been properly incurred.

## 12 Correction of payments

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At any time and from time to time, Council may correct any error which has been discovered in any previous payments made. Without limiting the above or any other part of the document, at

the time of each Tax Invoice and of any payments made under the document and at any other time Council (in consultation with the Contractor if requested by Council) may undertake a reconciliation of payments made to a relevant date and may make any adjustments to those payments and Council may give further notice of approval, non approval or of adjustment to any prior or subsequent payments made.

### **13 Set off**

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Without limiting Council's rights under any other part of this document, and notwithstanding any payment by Council under this document, Council may deduct from any moneys due to the Contractor any sum which is payable by the Contractor to Council whether or not Council's right to payment arises by way of damages, debt, restitution or otherwise and whether or not the factual basis giving rise to Council's right to payment arises out of this document, any other contract between it and the Contractor, or is independent of any such contracts. Nothing in this clause shall affect the right of Council to recover from the Contractor the whole of such moneys or any balance that remains owing.

### **14 Insurance**

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- (a) Before commencing to supply the Services, the Contractor must arrange the insurances specified in the Schedule, on terms and with an insurer satisfactory to Council and give Council evidence that the insurances have been effected.
- (b) Council shall be under no obligation to make any payment to the Contractor unless it has complied with this clause.

### **15 Indemnity**

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The Contractor must indemnify Council against any Claim, liability, expense, cost, loss or damage incurred by Council:

- (a) for personal injury, death or property damage;
- (b) for infringement of any intellectual property right, including any patent, registered design, trade mark or name, copyright or other protected right,

where such a Claim is directly caused by or relates to any negligent, wilful or unlawful act or omission by the Contractor in the performance of the Services.

### **16 Confidentiality**

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The Contractor must keep confidential and not (without Council's prior consent) disclose to third parties or use for any purpose (other than carrying out the Services) any information about this Agreement, the Services, Council or otherwise provided by or on behalf of Council (**Confidential Information**) unless the Contractor is required to make such disclosure by law.

### **17 Intellectual property**

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- (a) Council retains the Intellectual Property Rights in its Technical Materials.
- (b) Council grants the Contractor a non-exclusive, royalty free, non-transferable licence to reproduce and use its Technical Materials as necessary for the purpose of completing this

Agreement. The Contractor must not reproduce, use or otherwise deal with Council's Technical Materials, or allow any other person to do the same, for any other purpose. Council have the right to revoke this licence at any time by notice in writing to the Contractor.

- (c) The Contractor grants to Council an irrevocable royalty free licence to use any Intellectual Property Rights connected with the Services for any of its own purposes.
- (d) The obligations in this clause continue after this Agreement is terminated.

## **18 Relationship**

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### **18.1 Principal and independent contractor**

The parties' relationship is one of principal and independent contractor, not employer and employee, principal and agent or partnership.

### **18.2 No contractual relationship**

No contractual relations will arise between any personnel of the Contractor and Council as a result of the Contractor's and Council's relationship.

### **18.3 No right or authority**

The Contractor does not have the right or authority to act on behalf of or bind Council unless the Contractor has been expressly authorised by Council in writing.

### **18.4 No entitlements**

Apart from the Price, neither the Contractor nor the personnel is entitled to any fees, payments, commissions, bonuses, wages, holiday pay, long service leave, sick pay, termination pay or any similar entitlement from Council. The Contractor is solely responsible for providing its personnel with these entitlements.

### **18.5 No responsibility**

The Contractor is responsible for making appropriate tax deductions and payments and superannuation contributions in respect of any payments or benefits provided to the Contractor by Council or to its personnel by the Contractor.

## **19 Conflict of Interest**

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### **19.1 Acknowledgement**

Council and the Contractor acknowledge and agree that for reasons including the Confidential Information in the Contractor's knowledge and possession, a Conflict of Interest may arise.

### **19.2 If a Conflict of Interest arises**

Without limiting clause 19.1 or any other part of this document, in the event that a Conflict of Interest arises, or there is in the minds of either party a real, perceived, anticipated or identified risk of a Conflict of Interest arising, then:



- (a) the Contractor must immediately advise Council in writing of such a Conflict of Interest or risk of Conflict of Interest arising or Council must advise the Contractor as the case may be; and
- (b) if a discussion in Good Faith between Council and the Contractor cannot satisfactorily resolve the Conflict of Interest, then without limiting the document, the Contractor will act as directed by writing by Council and Council may terminate this document or any part of the Services effective immediately by notice in writing given by Council to the Contractor in that respect.

## **20 Defective Services**

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- (a) The Contractor warrants that the Services will conform with this Agreement in all respects.
- (b) If during the performance of work under the contract Mackay Regional Council informs the contractor that it is of the opinion that the contractor is:
  - (i) Not conducting the work in compliance with the WH&S Legislation or relevant policies and procedures; or
  - (ii) Conducting the work in such a way as to endanger the Health & Safety of the contractor's employees, Mackay Regional Council employees or the general public.

Mackay Regional Council may direct the contractor to promptly remedy the breach of WH&S or may direct the contractor to suspend work until such time as the contractor satisfies Mackay Regional Council that the work will be resumed in a safe manner (QA procedures and forms for non-compliance would apply).

- (c) If the contractor fails to rectify any breaches of Health & Safety for which work has been suspended, or if the contractor's performance has involved recurring breaches of WH&S, Mackay Regional Council will notify Workplace Health and Safety Queensland and requests that an inspector visit the workplace or may terminate the work forthwith, depending on the severity of the issue.
- (d) If Council finds any of the Services not to be in accordance with this Agreement, Council may, at its option:
  - (i) require the Contractor to, at its own cost and expense, remedy, redo or make good the defective Services; or
  - (ii) rectify or remedy the defective Services (and employ third parties as may be necessary to achieve this) which costs incurred will be deemed a debt due from the Contractor to Council and may be set off from any amount Council might owe the Contractor.

## **21 Notices**

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Any notice or instruction under this Agreement must be given by hand, facsimile transmission, email or sent by post and must be marked for the attention of the person nominated to receive notices in the Schedule.



## 22 Term

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The Contract shall begin on the Contract Commencement Date and expire on the Contract Completion Date as specified in Schedule 1 of this agreement, unless terminated earlier in accordance with clause 23, the terms and conditions of the Contract.

The Term of the Contract shall begin on the Contract Commencement Date and expire on the Contract Completion Date unless:

- (a) terminated earlier in accordance with the terms and conditions of the Contract; or
- (b) extend by the Principal for the Extension Period.

The Principal may, in its sole discretion, by written notice (an "Extension Notice") to the Contractor given not less than 1 month prior to the Contract Expiry Date, extend the Term by the Extension Period.

## 23 Termination of the agreement

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- (a) Council may terminate this Agreement by notice in writing to the Contractor:
  - (i) if the Contractor does not carry out its obligations under this Agreement and fails to rectify the breach within seven days after being requested in writing to do so by Council; or
  - (ii) at any time for its sole convenience.
- (b) Any expiration or termination of this Agreement does not affect:
  - (i) any of Council's rights which may have accrued before the date of expiration or termination; and
  - (ii) the rights and obligations of the parties under this Agreement which survive termination.
- (c) Without limiting Council's rights and entitlements in connection with the termination of this Agreement, if Council terminates this Agreement, Council:
  - (i) has no liability to pay any further amount to the Contractor in connection with the supply of the Services; and
  - (ii) may employ others to supply the Services.
- (d) Should Council terminate this Agreement pursuant to clause 23(a)(ii), Council agrees to pay all reasonable costs necessarily incurred by the Contractor in providing the Services (to Council's satisfaction), up to the date that Council issued it notice under clause 23(a)(ii). The Contractor shall have no other Claim whatsoever including for loss of profit, damages or other amounts.

## 24 Dispute resolution

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- (a) Any dispute between the Contractor and Council must be referred:
  - (i) initially for resolution by a representative nominated by Council and a representative nominated by the Contractor, who must use their best endeavours





to resolve the dispute within 14 days of the giving of notice of a dispute by a party; and

- (ii) if the dispute is not resolved in accordance with clause 24(a)(i), to Council's Chief Executive Officer, who must try to resolve the dispute with a senior manager or principal of the Contractor within a further 14 days.
- (b) If the dispute is not resolved by the parties in accordance with time specified in clause 24(a) then either party may by notice in writing commence litigation.
- (c) Despite the existence of a dispute, the Contractor must continue to perform its obligations under this Agreement.
- (d) A party may commence court proceedings relating to any dispute arising under this Agreement at any time where that party seeks urgent interlocutory relief.

## **25 General**

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### **25.1 Amendments**

This document may only be amended by written agreement between all parties.

### **25.2 Counterparts**

This document may be executed in any number of counterparts. All counterparts together make one instrument.

### **25.3 No merger**

The rights and obligations of the parties under this document do not merge on completion of any transaction contemplated by this document.

### **25.4 Entire agreement**

- (a) This document supersedes all previous agreements about its subject matter and embodies the entire agreement between the parties.
- (b) To the extent permitted by law, any statement, representation or promise made in any negotiation or discussion has no effect except to the extent expressly set out or incorporated by reference in this document.

### **25.5 Further assurances**

Each party must do all things reasonably necessary to give effect to this document and the transactions contemplated by it.

### **25.6 No waiver**

- (a) The failure of a party to require full or partial performance of a provision of this document does not affect the right of that party to require performance subsequently.
- (b) A single or partial exercise of or waiver of the exercise of any right, power or remedy does not preclude any other or further exercise of that or any other right, power or remedy.

- (c) A right under this document may only be waived in writing signed by the party granting the waiver, and is effective only to the extent specifically set out in that waiver.

#### **25.7 Governing law and jurisdiction**

- (a) Queensland law governs this document.
- (b) Each party irrevocably submits to the exclusive jurisdiction of the Queensland courts and courts competent to hear appeals from those courts.

#### **25.8 Severability**

A clause or part of a clause of this document that is illegal or unenforceable may be severed from this document and the remaining clauses or parts of the clause of this document continue in force.

### **26 Use by Other Local Governments**

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A Local Government other than the Principal (an "Other Local Government") may access the Contract subject to mutual agreement in writing of the Principal, the Contractor and the Other Local Government. Responsibility for establishing and managing any contract between the Contractor and the Other Local Government rests with the Other Local Government



## Schedule 1

1	Contractor details: Name ACN (if applicable) ABN Representative Phone Facsimile Email	[#insert contractor details] [#insert name] [#insert ACN] [#insert ABN] [#insert name] [#insert phone] [#insert fax] [#insert email]
2	Council's details: Representative Phone Facsimile Email	[#insert name] [#insert phone] [#insert fax] [#insert email]
3	Commencement Date	Approximately January or February 2016
4	Term	Until completion
5	Extension Option	N/A
6	Completion Date	[#insert completion date]
7	Time for submitting invoices	
8	Insurance: Public liability Workers' compensation Professional indemnity	\$20,000,000 As required by law \$2,000,000
9	Services	Those services which the Contractor has been asked to provide in Schedule 2 of this Agreement
10	Price	Determined by reference to the Schedule 4 called Schedule of Rates and Prices



## Schedule 2

### Scope of Services

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#### **1. General**

##### **1.1 Overview**

This Specification is comprised of a number of Special Conditions of Contract and the Technical Specifications.

Works under this specification are to be performed on a re-measurable schedule-of-rates basis.

Following cover material placement (consisting of Protection Geotextile and Leachate Aggregate but prior to Separation Geotextile placement) by the Principal Contractor (or their Specialist Geosynthetics Subcontractor) a Geomembrane Leak Location Survey (Survey) shall be performed by the Leak Detection Consultant (LDC) using dipole methods.

The works required to perform the Survey that are detailed in the LDC tender submission as being performed by the Principal Contractor (or the Specialist Geosynthetics Subcontractor) shall be performed by the Principal Contractor (or the Specialist Geosynthetics Subcontractor) under the direction and supervision of the LDC; all other works required to perform the Survey shall be performed by the LDC and full compensation for the performance of these other works shall be provided for in the rates and prices in the LDC tender submission.

All accommodation costs are deemed to be included in the scheduled unit rates, lump sums and costs in the priced Bill of Quantities.

##### **1.2 References**

Work shall be performed in accordance with the following reference documents;

ASTM D6747 – Standard Guide for Selection of Techniques for Electrical Detection of Potential Leak Paths in Geomembranes

ASTM D7007 – Standard Practices for Locating Leak in Geomembranes Covered with Water or Earth Materials

##### **1.3 Submissions from the LDC**

Prior to commencement of the liner integrity survey the LDC shall submit a Geomembrane Leak Location Survey Plan (Plan) to Mackay Regional Council (Council).

Note that some of the information submitted in the Plan will have been submitted with the Tender but will need to be resubmitted as part of the Plan.

The Plan shall include:

- a) Qualifications of the LDC; including a statement of experience detailing the square metres and number of projects successfully performed using the survey methods detailed in this specification.
- b) A Statement of Qualifications of the proposed LDC site representative; meeting the requirements of Clause 2 of this Specification including a statement of experience detailing the square metres and number of projects successfully performed using the survey methods detailed in this specification.

- c) Descriptions of the survey methods, procedures, site preparations, estimated duration of survey, and quality control and field sensitivity testing procedures proposed by the LDC.
- d) A Defects List (type, number & close-out) for three significant projects worked on by the LDC Representative.

## **2. Qualifications**

The LDC and their representatives shall be appropriately qualified, and shall have experience in conducting dipole method type liner integrity surveys.

## **3. Information Supplied to the LDC**

The LDC shall be provided with drawings showing:

- a) All layers constituting the lining system and details of all liner penetrations.
- b) Plan of the survey area.
- c) Peripheral details, including welds to adjacent lining systems.
- d) Structures and obstructions above the liner.
- e) Electrical equipment above the geomembrane.

The LDC shall be provided with the liner installation schedule.

## **4. Mobilisation and Demobilisation**

### **4.1 Mobilisation**

The Contractor shall provide transport to the Site and establish at the Site such equipment, Constructional Plant (mobile and otherwise), labour and any other thing required to carry out the work under the Contract.

Mobilisation shall not be measured.

The scheduled lump sum for Mobilisation shall include full compensation for all provisions described in this clause and for all other costs incurred in carrying out the work in accordance with the Contract.

### **4.2 Demobilisation**

The Contractor shall remove from the Site all equipment, Constructional Plant (mobile and otherwise), labour and any other thing that was required to carry out the work under the Contract.

Demobilisation shall not be measured.

The scheduled lump sum for Demobilisation shall include full compensation for all provisions described in this clause and for all other costs incurred in carrying out the work in accordance with the Contract.

## **5. Dipole Survey Preparation and Support**

The LDC is responsible for guiding and instructing the Principal Contractor (or their Specialist Geosynthetics Subcontractor) in the preparation of the survey area prior to performance of the leak detection surveys.

The preparation works include, but is not limited to, the following:

- a) Installation of any necessary electrodes (The LDC shall, if required, provide any permanent electrodes, wires, and installation instructions to the Principal Contractor prior to the installation of the geomembrane).

- b) Provision of a survey area within the liner expansion area that is electrically isolated from the surrounding ground (i.e. the cover soil is not tied into the ground surface outside of the cover area). Isolation can be accomplished by open trenching or installation of a non-conductive insulator such as the liner materials.
- c) Provision of water, water truck (including operator) and wetting of the survey area prior to, and during, the dipole survey to ensure that there is adequate moisture in the material(s) covering the geomembrane for the dipole leak detection testing. (To detect a leak, moisture must exist in the leak and be in contact with moisture in the materials above and below the liner. Therefore, the material(s) covering the geomembrane must be moistened with water prior to conducting the leak detection survey. In order to achieve uniform moisture distribution, the LDC shall instruct the addition of water as the construction progresses on and within cover layer(s). A water truck must be available at all times as it may be necessary to wet the surface just in advance of the survey, or as deemed necessary by the LDC.)
- d) Provision of a backhoe and/or labour, as appropriate, to excavate the cover soils down to the geomembrane.
- e) Performance of Calibrations. (The calibration process requires digging a hole down to the surface of the geomembrane to place the artificial leaks. The cover soil must be rehydrated as it is backfilled over the artificial leaks; preferably using a water truck. The LDC is responsible for ensuring that the Contractor backfills the calibration hole, uncovers and retrieves the artificial leak apparatus, and backfills the hole appropriately, including patching any intervening geotextiles.)

Several calibration exercises may be required and where the Contractor provides assistance with each survey the Contractor will be guided by the LDC. In some cases an actual hole may be drilled in the liner system for calibration, in which case the the calibration hole must be repaired.

All leaks detected shall be uncovered and expose for repair.

Full compensation for Dipole Survey Preparation and Support shall be provided for in the scheduled unit rates for Dipole Leak Location Survey.

## **6. Dipole Leak Location Survey**

The following requirements apply to the performance of the Survey;

- a) The dipole leak detection survey shall be performed after the placement of the protective cover layer.
- b) The LDC is responsible for calibrating all equipment utilized to achieve optimum data quality and sensitivity for the site conditions.
- c) All work shall be performed in accordance with current industry and ASTM standards.
- d) Data acquisition shall be GPS-based and a voltage map of the recorded dipole measurements shall be generated in three dimensions with appropriate contour intervals and colored voltage ranges. The sensitivity test shall include a voltage map of the area including the artificial leak location.
- e) Manual measurements shall be made to verify leak signals after data analysis and to pinpoint the leak positions on top of the protective cover layer for excavation while the Principal Contractor's survey personnel are on site. Possible leak locations shall be hand-

excavated to expose the liner.

- f) Additional manual measurements should be made to guide the Principal Contractor's personnel while they excavate the leak, if required.
- g) After the identification and excavation of a leak, the soil around the leak location shall be tested while the leak is uncovered and the liner cleaned to check for adjacent leaks.
- h) Leak locations shall be logged, visibly marked, and reported for repair.
- i) The LDC shall report the general results of the survey to the CQA Consultant and the Principal Contractor during the daily progress of the field work.
- j) Prior to the demobilization of the survey personnel from the site, the leak detection consultant shall submit a list of locations of the leaks detected to the CQA Consultant and the Principal Contractor.
- k) The LDC shall submit a Survey Report documenting the field work (including results of the surveys and repairs) to the Council, the Principal Contractor and the CQA Consultant within fourteen (14) days after completion of the field work.

Cost of Testing of Repairs shall be measured and compensated for separately to costs for Dipole Leak Location Survey.

Testing of Repairs shall be measured as the number of days (and/or half days) spent by the Leak Detection Consultant in testing of repairs onsite.

The scheduled rate for Testing of Repairs shall include full compensation for all work required to test repairs in accordance with this specification, for provision of all required equipment and personnel and for all other costs incurred in carrying out the work in accordance with the Contract.

Separate measurement shall be made and payment calculated for each class of Dipole Leak Location Survey (i.e. 'on Cell 3 Base' separate to 'on Cell 3 Batters') shown in the Bill of Quantities.

Dipole Leak Location Survey of each class shall be measured as the area in square metres of geomembrane surveyed (tested) for leaks in accordance with this specification.

The scheduled rate for Dipole Leak Location Survey of each class shall include full compensation for all work required to perform a Leak Location Survey in accordance with this specification, for provision of all required equipment and personnel and for all other costs incurred in carrying out the work in accordance with the Contract.

## **7. Reporting**

The LDC shall report daily the general results of the survey to the CQA Consultant, the Principal Contractor and Council.

Prior to the demobilization of the LDC from the site the LDC shall submit a list of detected leak locations to the Council, the Principal Contractor and the Specialist Geosynthetics Subcontractor.

The LDC shall submit a Survey Report documenting the field work (including results of the surveys and repairs) to the Council, the Principal Contractor and the CQA Consultant within fourteen (14) days after completion of the field work.

## **8. Re-Mobilisation**

### **8.1 General**

If instructed by Council the Leak Detection Consultant shall re-mobilise to Site to perform further work in accordance with this specification.





## 8.2 Re- Mobilisation

The Contractor shall provide, transport to the Site and establish at the Site such equipment, Constructional Plant (mobile and otherwise), labour and any other thing required to carry out the work under the Contract.

Re-Mobilisation shall not be measured.

The scheduled lump sum for Re-Mobilisation shall include full compensation for all provisions described in this clause and for all other costs incurred in carrying out the work in accordance with the Contract.

## 8.3 Re-Demobilisation

The Contractor shall remove from the Site all equipment, Constructional Plant (mobile and otherwise), labour and any other thing that was required to carry out the work under the Contract.

Re-Demobilisation shall not be measured.

The scheduled lump sum for Re-Demobilisation shall include full compensation for all provisions described in this clause and for all other costs incurred in carrying out the work in accordance with the Contract.

## 8.4 Daily Cost

Once re-mobilised to Site the Leak Detection Consultant shall only be entitled to claim all costs associated with attending Site to perform any works as an all-inclusive daily rate.

Daily Cost shall be measured as the number of days spent by the Leak Detection Consultant onsite performing any works normally performed by a Leak Detection Consultant or any other works as directed by Council.

The scheduled rate for Daily Cost shall include full compensation for all work performed in accordance with this specification, for any other work performed by the Leak Detection Consultant, for provision of all required equipment and personnel, for all accommodation costs and for all other costs incurred in carrying out the work in accordance with the Contract.

## 9. Stand-by

The Leak Detection Consultant may be required to pause in the performance of their work and stand-by only while repairs are made by the Principal Contractor (or their Specialist Geosynthetics Subcontractor) to leaks detected by the Leak Detection Consultant.

In this instance compensation for stand-by shall be measured to the nearest half-day (rounded up; i.e. 1 Day and 1 hour stand-by shall be rounded up to 1.5 days). Unless noted otherwise a half day shall equate to a total of 5 hours work accumulated over any portion or portions of a day.

Stand-by shall be measured as the number of days (to the nearest half-day) spent by the Leak Detection Consultant onsite waiting for repairs to be performed by the Principal Contractor (or their Specialist Geosynthetics Subcontractor).

The scheduled rate for Stand-by shall include full compensation for the Leak Detection Consultant to attend Site during the stand-by period, for provision of all required equipment and personnel during the stand-by period and for all other costs incurred in carrying out the work in accordance with the Contract.





## Schedule 3

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Confidentiality undertaking

### Confidentiality undertaking

Dated:

By

**Recipient** [Insert Key Personnel name]

C/o of [Contractor's name] ABN [Insert] of [Insert address]

#### BACKGROUND

- A. Under an agreement INSERT (**Agreement**) made between Mackay Regional Council (**MRC**) and [**Contractor name**] (**Contractor**) the Contractor agreed to cause the Recipient to enter into this Undertaking.
- B. In consideration of MRC entering into the Agreement with the Contractor, the Recipient agrees to the terms of this Confidentiality Undertaking for the benefit of MRC and its successors and assigns.

#### NOW THIS DEED WITNESSES

- 1 The expressions used in this Undertaking have the same meaning as those used in the Agreement referred to in the Background.
- 2 The Recipient covenants and agrees to take all action necessary to maintain the confidential nature of the Confidential Information.
- 3 The Recipient covenants and agrees not to:
  - (a) disclose any of the Confidential Information to any person without MRC's prior written consent;
  - (b) use or reproduce any of the Confidential Information for any purpose other than for the performance of Services to MRC under the Agreement;
  - (c) use any of the Confidential Information:
    - (i) in a manner which might prejudice the businesses of MRC or otherwise cause loss or damage to MRC; or
    - (ii) for the purpose of providing a competitive advantage to the Contractor or a third party.
- 4 The Recipient acknowledges that damages are not a sufficient remedy for any breach of this Undertaking and that MRC is entitled to specific performance or injunctive relief (as appropriate) as a remedy for any breach or threatened breach by the Recipient in addition to any other remedies available to MRC at law, in equity or pursuant to statute concerning the Contractor under the Agreement.
- 5 The Recipient covenants and agrees to deliver to MRC all documents and other materials (including copy documents) in any medium in the Recipient's possession, power or control which contain or refer to any



of the Confidential Information (whether or not those documents and other materials were created by the parties) on the earlier of:

- (a) demand by MRC; and
- (b) the time the documents and other materials are no longer required for the performance of Services to MRC under the Agreement.

Signed by the Recipient as a deed

\_\_\_\_\_  
▲ Signature of Recipient

\_\_\_\_\_  
▲ Signature of witness

\_\_\_\_\_  
▲ Name of witness (print)

DRAFT



## Schedule 4

Schedule of Rates and Prices

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As per response documents.

DRAFT



# Appendix A

## Drawings

DRAFT



# HOGAN'S POCKET LANDFILL - CELL 3 DESIGN



**LOCALITY PLAN**  
NOT TO SCALE

**DRAWING LIST - CELL 3 DESIGN**

NUMBER	TITLE
A1-29692	LOCALITY, SITE PLAN & DRAWING LIST
A1-29693	GENERAL ARRANGEMENT
A1-29694	BASE OF EXCAVATION LAYOUT PLAN
A1-29695	GROUNDWATER RELIEF SYSTEM
A1-29696	TOP OF SUBGRADE LAYOUT PLAN
A1-29697	TOP OF CLAY LAYOUT PLAN
A1-29698	LINER & LEACHATE COLLECTION PLAN
A1-29699	LEACHATE & GROUNDWATER SUMPS SETOUT
A1-29700	LEACHATE COLLECTION DETAILS
A1-29701	GROUNDWATER RELIEF SYSTEM DETAILS
A1-29702	TYPICAL SECTIONS
A1-29703	TYPICAL DETAILS
A1-29704	SETOUT TABLES
A1-29705	STORMWATER LAYOUT PLAN
A1-29706	STORMWATER DETAILS
A1-29707	ACCESS ROAD LAYOUT PLAN
A1-29708	ACCESS ROAD DETAILS
A1-29709	SAFETY IN DESIGN
A1-29710	LONGITUDINAL SECTIONS - SHEET 1 OF 3

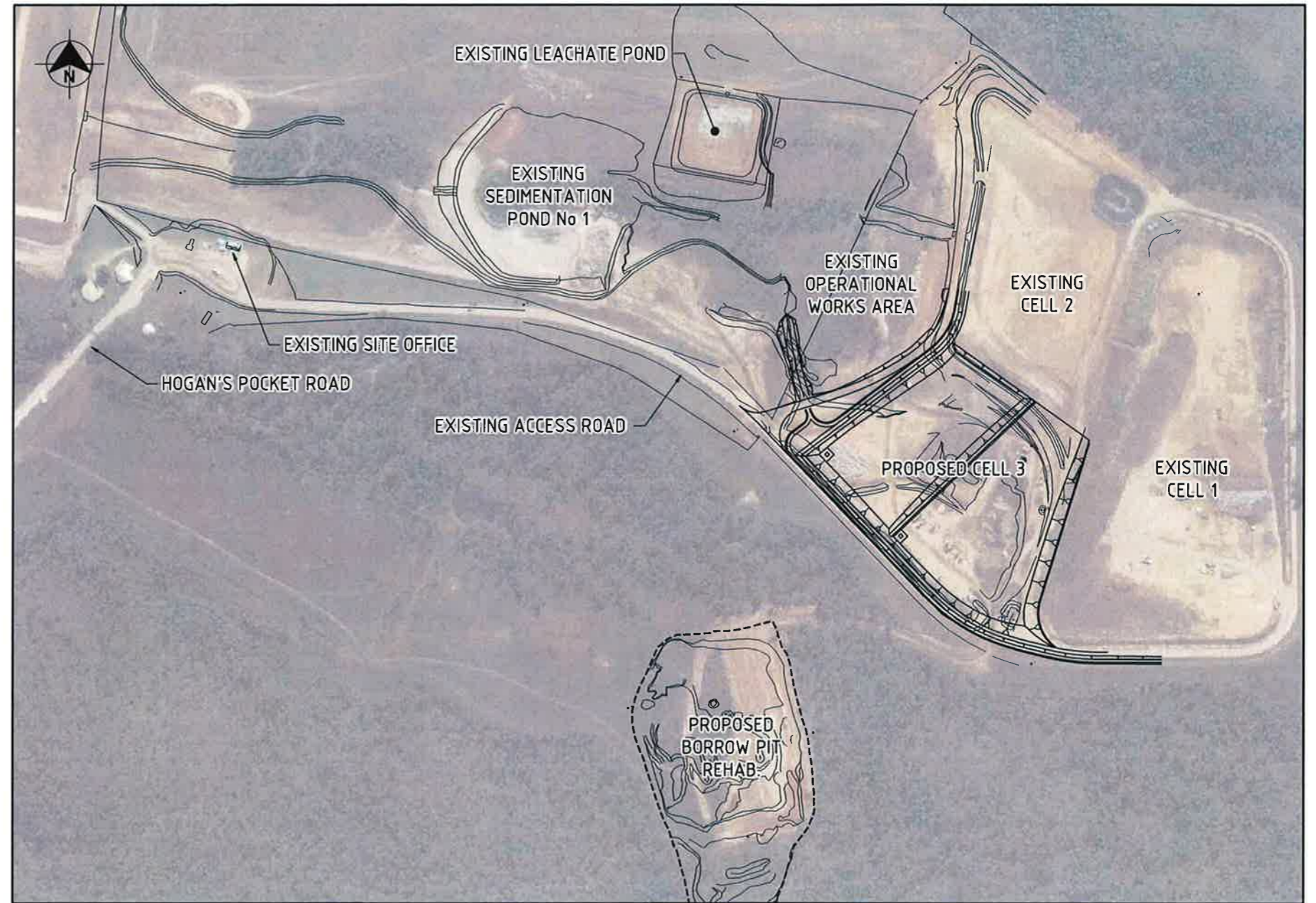
A1-29711	LONGITUDINAL SECTIONS - SHEET 2 OF 3
A1-29712	LONGITUDINAL SECTIONS - SHEET 3 OF 3
A1-29713	CROSS-SECTIONS - SHEET 1 OF 2
A1-29714	CROSS-SECTIONS - SHEET 2 OF 2

**DRAWING LIST - BORROW PIT REHAB.**

NUMBER	TITLE
A1-29722	SURVEY
A1-29723	REHAB. DESIGN INC. AERIAL PHOTO
A1-29724	REHAB. DESIGN INC. CUT & FILL ZONES
A1-29425	EARTHWORKS AND SETOUT PLAN
A1-29726	SECTIONS AND DETAILS
A1-29727	SAFETY IN DESIGN

**STANDARD DRAWINGS**

NUMBER	TITLE
RCD-01	ROCK CHECK DAMS



**SITE PLAN**  
NOT TO SCALE

**SURVEY NOTES**

MRC MERGED SURVEY 244902

LEVEL DATUM - AHD - PM 184208 - RL 272.734 (4th ORDER)  
MERIDIAN - MGA 55 - RTK GPS (VRS) - ALL COORDINATES TRUE MGA

PSM 188204 (STAR PICKET IN CONC COLLAR SOUTH SIDE HOGANS POCKET RD)  
E=704632.926 N=7637146.114 RL=279.203

PSM 184208 (STAR PICKET IN CONC COLLAR NORTH SIDE HOGANS POCKET RD)  
E=704438.744 N=7637263.354 RL=272.734

PSM 196085 (STAR PICKET IN CONC COLLAR)  
E=704490.391 N=7637500.448 RL=277.127

**FOR CONSTRUCTION**

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		
JASON GRANDCOURT		6/2/2015

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
JASON DEVITT RPEQ 7508  
DATE 2/7/15  
**Mackay REGIONAL COUNCIL**

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 28 923 866 925</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	<i>JK</i>		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29692		

HOGAN'S POCKET LANDFILL CELL 3 - DESIGN LOCALITY, SITE PLAN & DRAWING LIST		SHEET 1 OF 29 WORKS JOB No.
DRAWING No. <b>A1-29692</b>	AMEND. <b>D</b>	

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
AMENDMENTS AND REVISIONS				

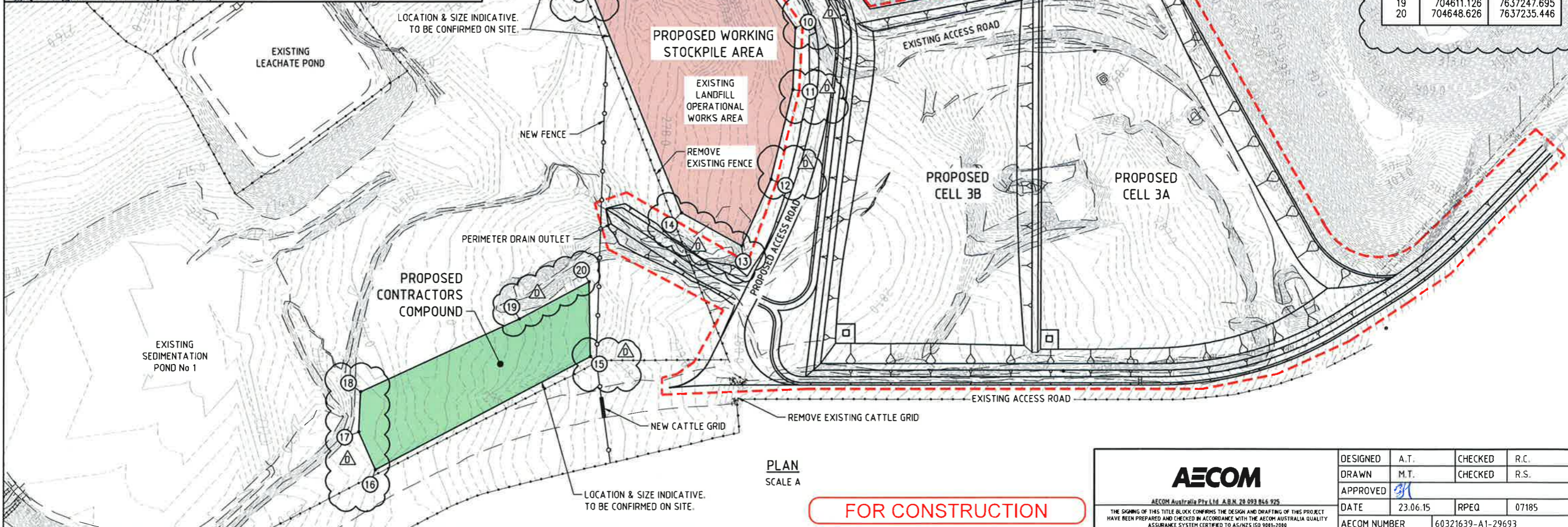
SURVEY	SCALES
MRC MERGED	NOT TO SCALE
SURVEY FILE No 244902	
LEVEL DATUM A.H.D.	
MERIDIAN MGA 55	
FILE NAME 60321639-A1-29692	





LEGEND	
	LIMIT OF WORKS - CELL 3
	EXISTING CELL 1
	GROUNDWATER RELIEF PIPE
	PROPOSED FENCE
	STOCKPILE AREA
	CONTRACTORS COMPOUND
	OPERATIONAL WORKS AREA

SETOUT POINTS		
POINT No.	COORDINATES	
	EASTING	NORTHING
01	704479.270	7637596.176
02	704566.205	7637737.992
03	704607.605	7637741.000
04	704682.175	7637698.069
05	704779.528	7637590.657
06	704788.687	7637536.042
07	704709.901	7637596.176
08	704753.701	7637333.178
09	704826.178	7637317.995
10	704812.079	7637248.916
11	704788.802	7637228.417
12	704748.724	7637205.202
13	704714.496	7637192.650
14	704705.656	7637225.933
15	704621.919	7637208.985
16	704506.635	7637247.347
17	704514.498	7637266.517
18	704529.656	7637279.731
19	704611.126	7637247.695
20	704648.626	7637235.446



PLAN  
SCALE A

**FOR CONSTRUCTION**

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY		SCALES	
MRC MERGED		SCALE A	0 10 20 30 40 50
SURVEY FILE No	244902	1:2000 (A3)	1:1000 (A1)
LEVEL DATUM	A.H.D.	SCALE Y	0 50 100 125
MERIDIAN	MGA 55	1:5000 (A3)	1:2500 (A1)
FILE NAME	80321839-A1-29693		

DRAWN	SIGNED	DATE
JASON GRANDCOURT		16/7/2015

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE	
JASON DEVITT RPEQ 7506	
DATE	




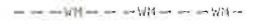
 <small>AECOM Australia Pty Ltd. A.B.N. 28 993 844 925</small> <small>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED			
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29693			

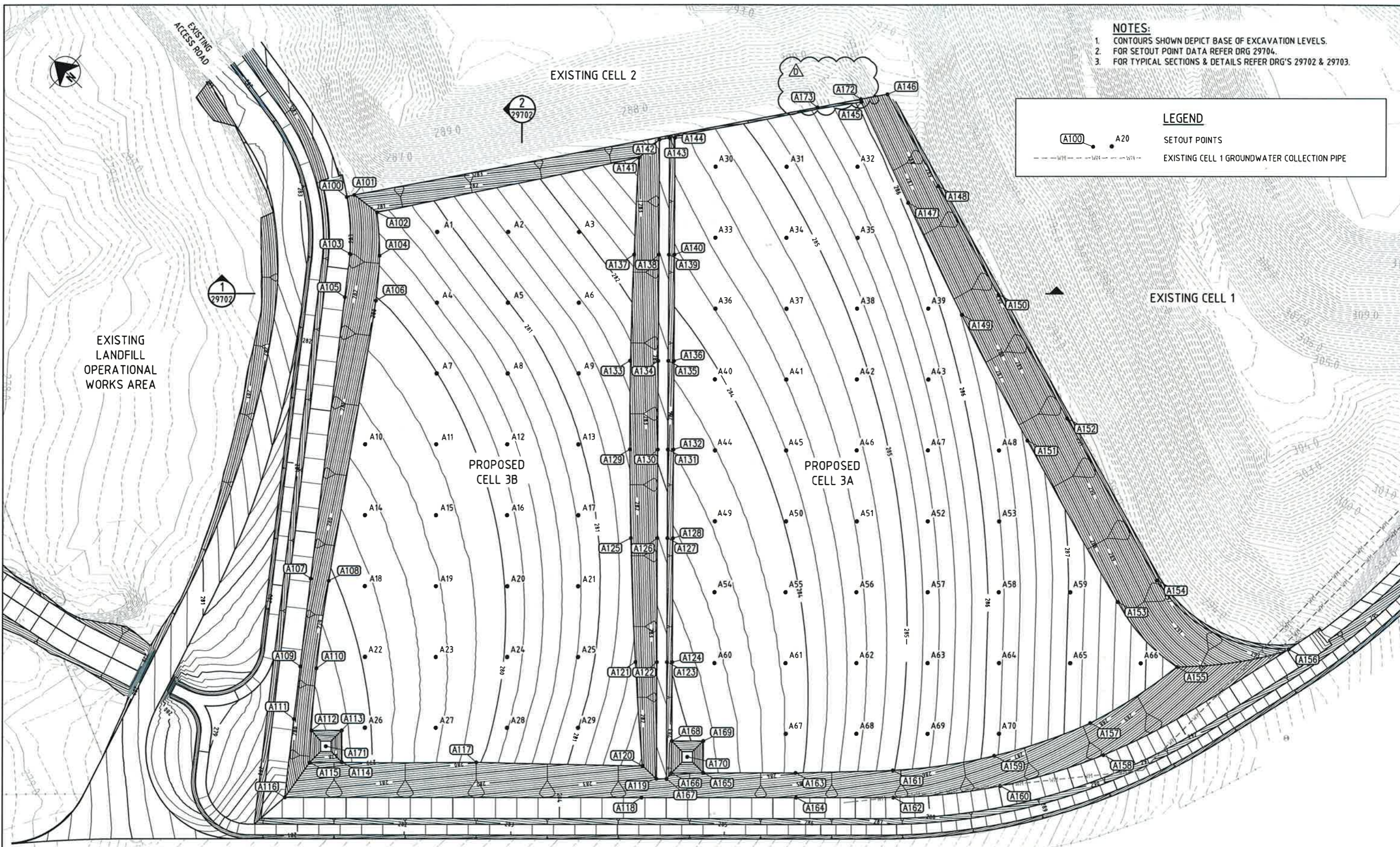
<b>HOGAN'S POCKET LANDFILL</b> CELL 3 - DESIGN GENERAL ARRANGMENT		SHEET 2 OF 29 WORKS JOB No.
DRAWING No.	A1-29693	AMEND.
		D



- NOTES:**
1. CONTOURS SHOWN DEPICT BASE OF EXCAVATION LEVELS.
  2. FOR SETOUT POINT DATA REFER DRG 29704.
  3. FOR TYPICAL SECTIONS & DETAILS REFER DRG'S 29702 & 29703.

**LEGEND**


 SETOUT POINTS  
 EXISTING CELL 1 GROUNDWATER COLLECTION PIPE



FOR CONSTRUCTION

**AECOM**

AECOM Australia Pty Ltd. A.B.N. 20 993 866 925  
 THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT  
 HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY  
 ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED			
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29694		

**HOGAN'S POCKET LANDFILL**  
 CELL 3 - DESIGN  
 BASE OF EXCAVATION LAYOUT PLAN

SHEET 3 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29694	D

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	
AMENDMENTS AND REVISIONS				

SURVEY	MRC MERGED	SCALES	1:1000 (A3) 1:500 (A1)
SURVEY FILE No	244902		
LEVEL DATUM	A.H.D.		
MERIDIAN	MGA 55		
FILE NAME	60321639-A1-29694		

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		
JASON GRANDCOURT		16/7/15

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

DATE 23/7/15










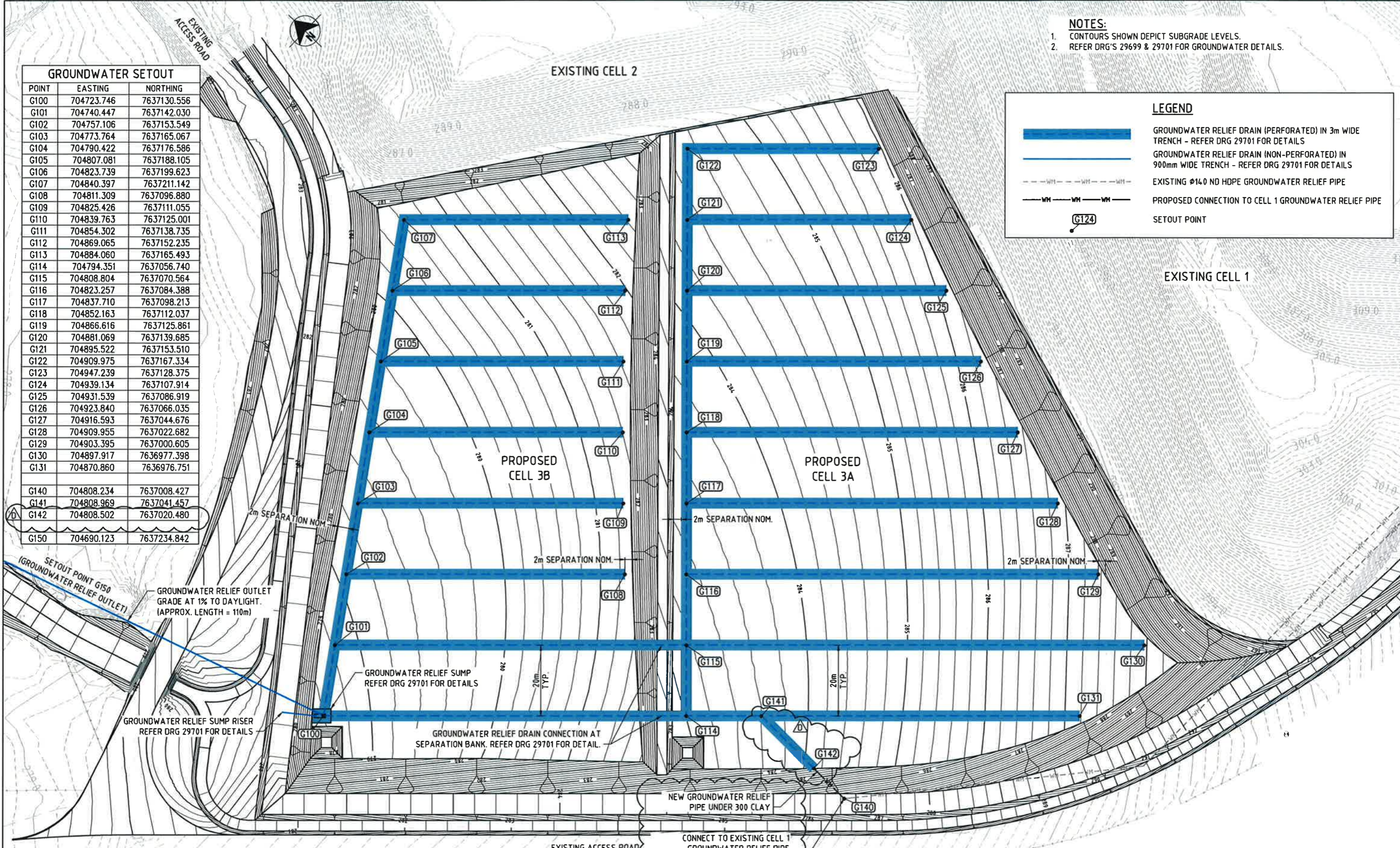
- NOTES:**
1. CONTOURS SHOWN DEPICT SUBGRADE LEVELS.
  2. REFER DRG'S 29699 & 29701 FOR GROUNDWATER DETAILS.

**GROUNDWATER SETOUT**

POINT	EASTING	NORTHING
G100	704723.746	7637130.556
G101	704740.447	7637142.030
G102	704757.106	7637153.549
G103	704773.764	7637165.067
G104	704790.422	7637176.586
G105	704807.081	7637188.105
G106	704823.739	7637199.623
G107	704840.397	7637211.142
G108	704811.309	7637096.880
G109	704825.426	7637111.055
G110	704839.763	7637125.001
G111	704854.302	7637138.735
G112	704869.065	7637152.235
G113	704884.060	7637165.493
G114	704794.351	7637056.740
G115	704808.804	7637070.564
G116	704823.257	7637084.388
G117	704837.710	7637098.213
G118	704852.163	7637112.037
G119	704866.616	7637125.861
G120	704881.069	7637139.685
G121	704895.522	7637153.510
G122	704909.975	7637167.334
G123	704924.428	7637181.158
G124	704938.881	7637194.982
G125	704953.334	7637208.806
G126	704967.787	7637222.630
G127	704982.240	7637236.454
G128	704996.693	7637250.278
G129	705011.146	7637264.102
G130	705025.599	7637277.926
G131	705040.052	7637291.750
G140	704808.234	7637008.427
G141	704808.969	7637041.457
G142	704808.502	7637020.480
G150	704690.123	7637234.842

**LEGEND**

-  GROUNDWATER RELIEF DRAIN (PERFORATED) IN 3m WIDE TRENCH - REFER DRG 29701 FOR DETAILS
-  GROUNDWATER RELIEF DRAIN (NON-PERFORATED) IN 900mm WIDE TRENCH - REFER DRG 29701 FOR DETAILS
-  EXISTING Ø140 ND HDPE GROUNDWATER RELIEF PIPE
-  PROPOSED CONNECTION TO CELL 1 GROUNDWATER RELIEF PIPE
-  SETOUT POINT



**FOR CONSTRUCTION**

**AECOM**

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED	<i>[Signature]</i>		
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29695		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES	1:1000 (A3)	1:500 (A1)
SURVEY FILE No	244902	LEVEL DATUM	A.H.D.	
MERIDIAN	MGA 55	FILE NAME	80321839-A1-29695	

DRAWN	SIGNED	DATE	DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE			
MANAGER WASTE SERVICES			DATE 21/7/15		
JASON GRANDCOURT			DATE 16/2/2015		

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

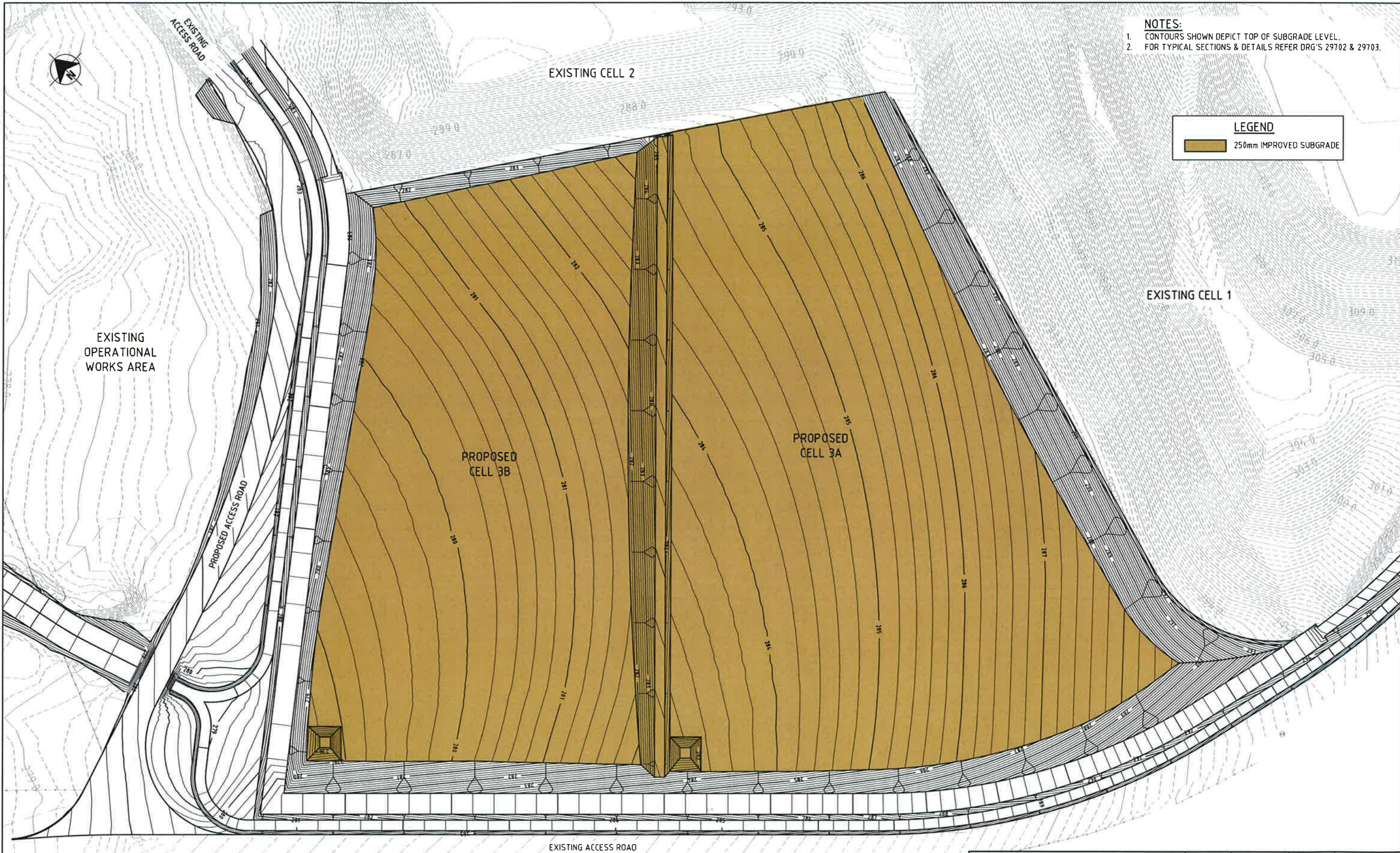
DATE 21/7/15



**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
**GROUNDWATER RELIEF SYSTEM**

SHEET 4 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29695	D





- NOTES:**
1. CONTOURS SHOWN DEPICT TOP OF SUBGRADE LEVEL.
  2. FOR TYPICAL SECTIONS & DETAILS REFER DRG'S 29702 & 29703.

**LEGEND**

250mm IMPROVED SUBGRADE

FOR CONSTRUCTION

**AECOM**

AECOM Australia Pty Ltd. A.B.N. 20 993 856 975  
THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED			
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29696		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

AMENDMENTS AND REVISIONS

SURVEY	MRC MERGED
SURVEY FILE No	244902
LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55
FILE NAME	60321639-A1-29696

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		16/7/15
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7506

DATE 21/7/15

**HOGAN'S POCKET LANDFILL**  
CELL 3 - DESIGN  
TOP OF SUBGRADE LAYOUT PLAN

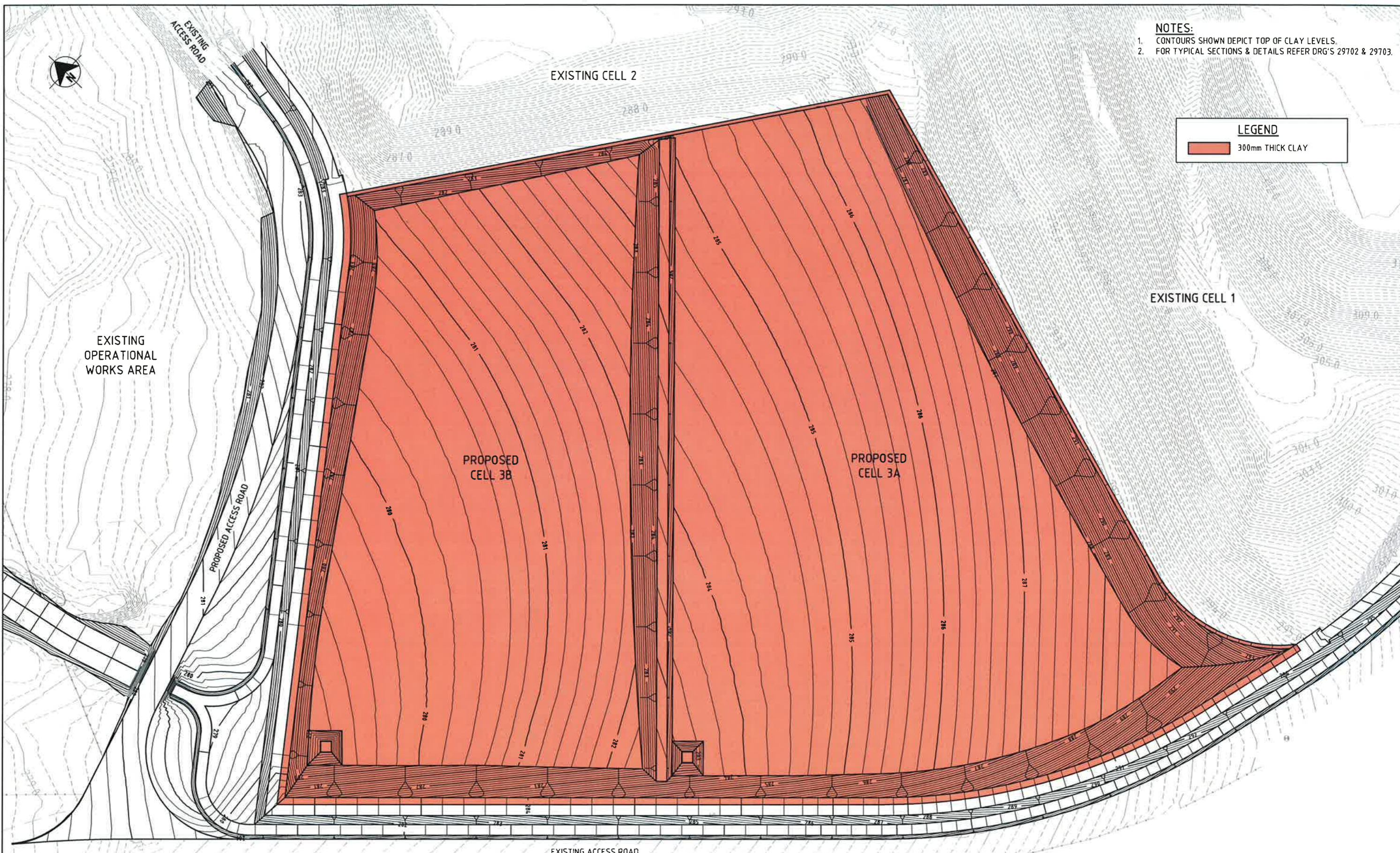
SHEET 5 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29696	D



- NOTES:**
1. CONTOURS SHOWN DEPICT TOP OF CLAY LEVELS.
  2. FOR TYPICAL SECTIONS & DETAILS REFER DRG'S 29702 & 29703.

**LEGEND**


 300mm THICK CLAY



**FOR CONSTRUCTION**

**AECOM**

AECOM Australia Pty Ltd. A.B.N. 20 993 866 975  
 THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED			
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29697		

**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
 TOP OF CLAY LAYOUT PLAN

SHEET 6 OF 29  
 WORKS JOB No.  
 DRAWING No. A1-29697  
 AMEND. D

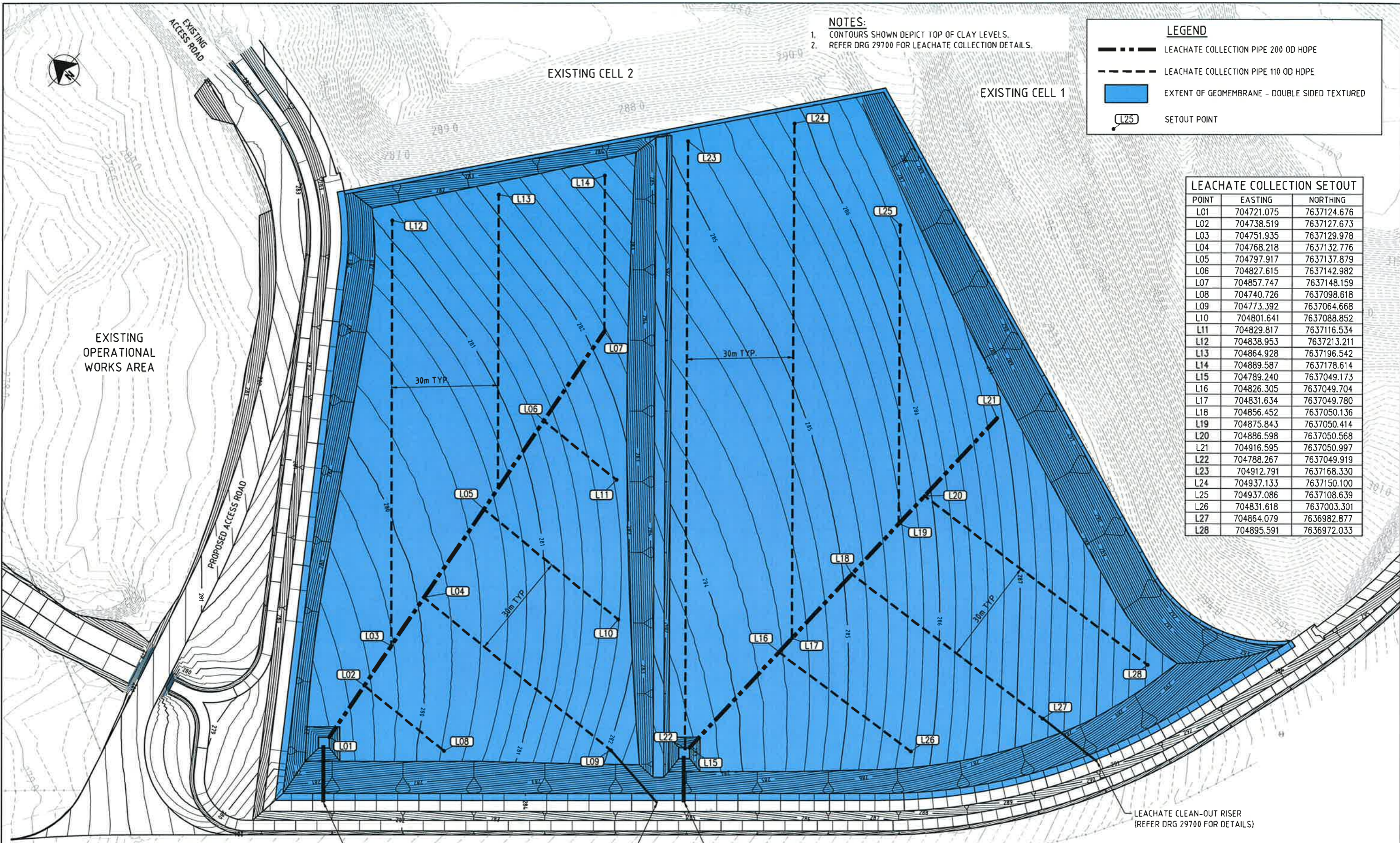
NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES	0 10 20 25m
SURVEY FILE No	244902	SCALE B	1:1000 (A3) 1:500 (A1)
LEVEL DATUM	A.H.D.		
MERIDIAN	MGA 55		
FILE NAME	60321639-A1-29697		

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		16/7/15
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
  
 JASON DEVITT RPEQ 7508  
 DATE 21/7/15  



- NOTES:**
1. CONTOURS SHOWN DEPICT TOP OF CLAY LEVELS.
  2. REFER DRG 29700 FOR LEACHATE COLLECTION DETAILS.

**LEGEND**

- LEACHATE COLLECTION PIPE 200 OD HDPE
- LEACHATE COLLECTION PIPE 110 OD HDPE
- EXTENT OF GEOMEMBRANE - DOUBLE SIDED TEXTURED
- L25 SETOUT POINT

**LEACHATE COLLECTION SETOUT**

POINT	EASTING	NORTHING
L01	704721.075	7637124.676
L02	704738.519	7637127.673
L03	704751.935	7637129.978
L04	704768.218	7637132.776
L05	704797.917	7637137.879
L06	704827.615	7637142.982
L07	704857.747	7637148.159
L08	704740.726	7637098.618
L09	704773.392	7637064.668
L10	704801.641	7637088.852
L11	704829.817	7637116.534
L12	704838.953	7637213.211
L13	704864.928	7637196.542
L14	704889.587	7637178.614
L15	704789.240	7637049.173
L16	704826.305	7637049.704
L17	704831.634	7637049.780
L18	704856.452	7637050.136
L19	704875.843	7637050.414
L20	704886.598	7637050.568
L21	704916.595	7637050.997
L22	704788.267	7637049.919
L23	704912.791	7637168.330
L24	704937.133	7637150.100
L25	704937.086	7637108.639
L26	704831.618	7637003.301
L27	704864.079	7636982.877
L28	704895.591	7636972.033

FOR CONSTRUCTION

**AECOM**

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED	<i>gk</i>		
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29698		

THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.06.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

AMENDMENTS AND REVISIONS

SURVEY	MRC MERGED
SURVEY FILE No	244902
LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55
FILE NAME	60321639-A1-29698

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES	<i>JASON GRANDCOURT</i>	16/7/2015
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

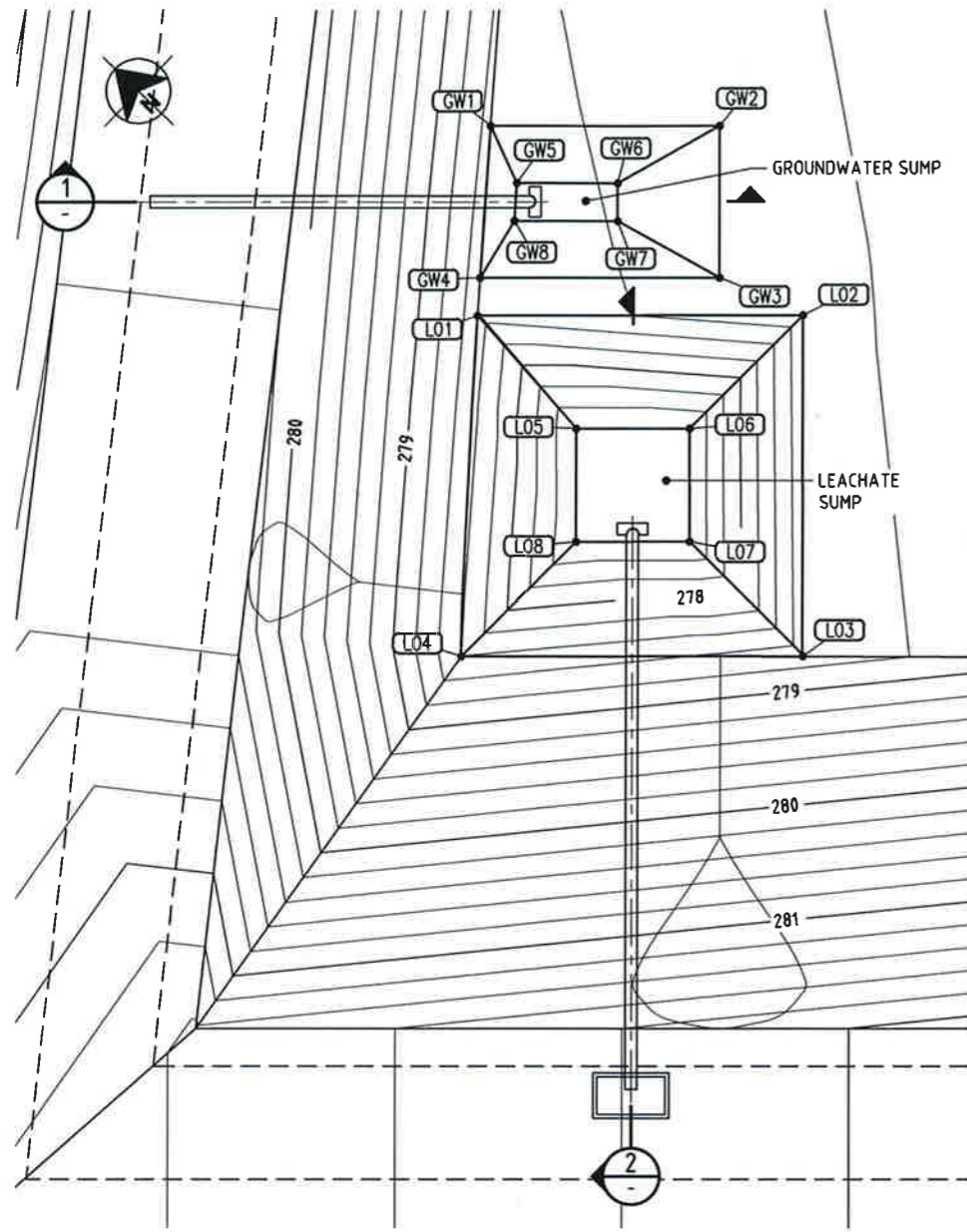
DATE

**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
**LINER & LEACHATE COLLECTION PLAN**

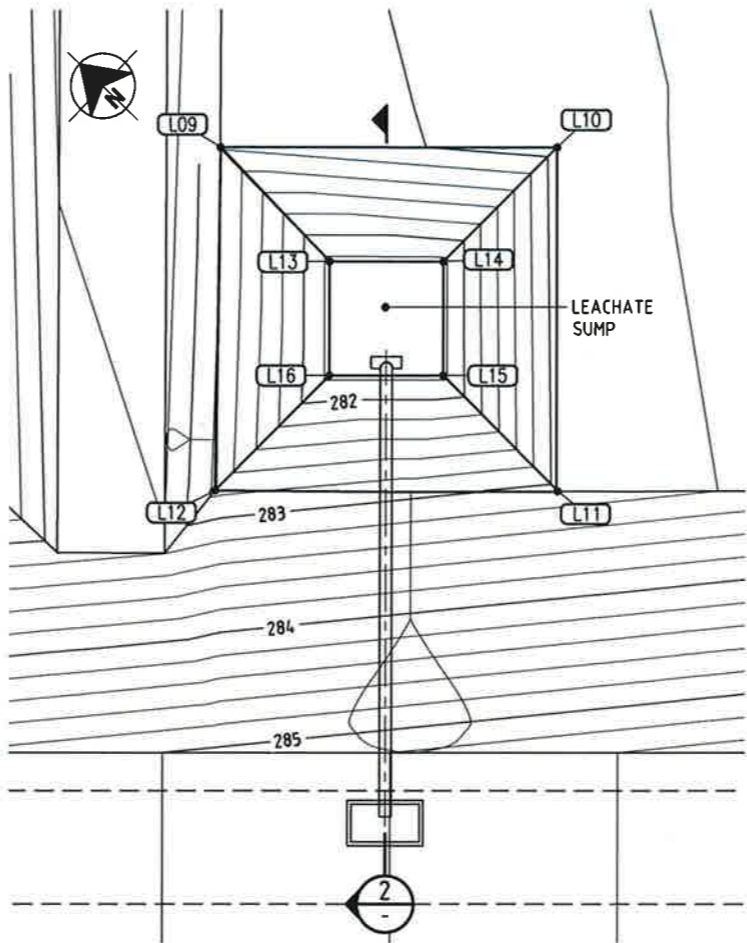
SHEET 7 OF 29
WORKS JOB No.
DRAWING No.
A1-29698
AMEND.
D



- NOTES:**
1. CONTOURS SHOWN DEPICT BASE OF EXCAVATION LEVELS.
  2. FOR TYPICAL SECTIONS & DETAILS REFER DRG'S 29702 & 29703.



SETOUT PLAN - CELL 3B  
SCALE E



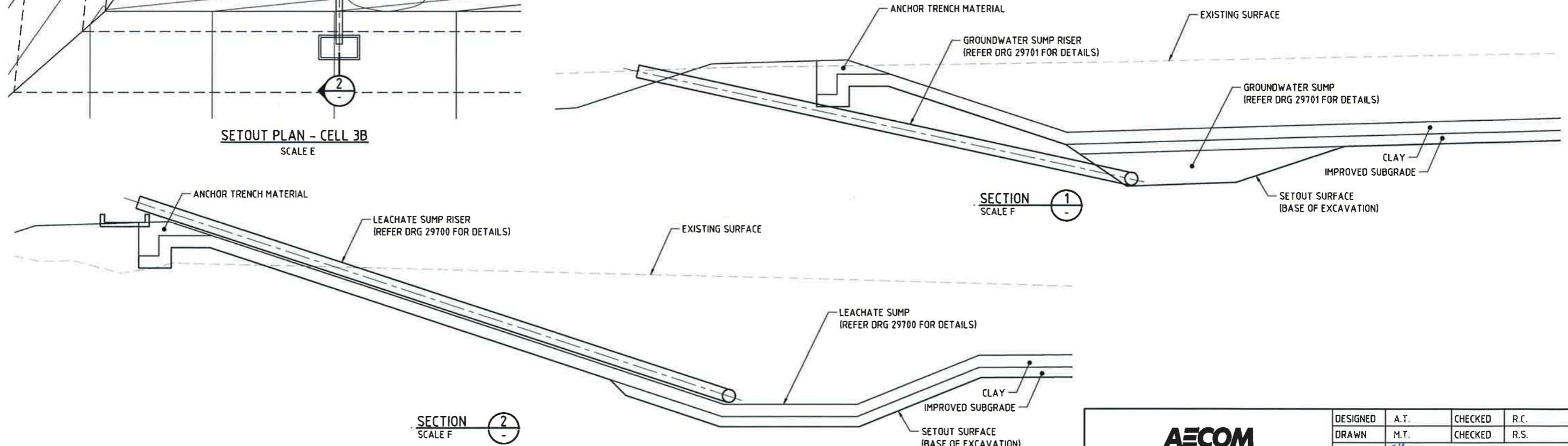
SETOUT PLAN - CELL 3A  
SCALE E

GROUNDWATER SUMP SETOUT DETAILS			
POINT	EASTING	NORTHING	LEVEL*
GW1	704723.198	7637134.022	278.525
GW2	704727.392	7637129.638	278.703
GW3	704724.502	7637126.873	278.680
GW4	704720.122	7637131.451	278.488
GW5	704722.599	7637132.479	277.700
GW6	704724.442	7637130.552	277.800
GW7	704723.720	7637129.861	277.800
GW8	704721.830	7637131.836	277.700

\* ALL SETOUT IS TO BASE OF EXCAVATION LEVEL.

LEACHATE SUMP SETOUT DETAILS			
POINT	EASTING	NORTHING	LEVEL*
L01	704719.351	7637130.801	278.481
L02	704725.317	7637124.587	278.741
L03	704718.796	7637118.318	278.703
L04	704712.535	7637124.844	278.403
L05	704718.999	7637126.841	277.400
L06	704721.075	7637124.676	277.400
L07	704718.910	7637122.600	277.400
L08	704716.833	7637124.765	277.400

L09	704787.346	7637055.498	282.826
L10	704793.482	7637049.076	283.110
L11	704786.954	7637042.795	283.063
L12	704780.725	7637049.334	282.753
L13	704787.168	7637051.342	281.753
L14	704789.240	7637049.173	281.753
L15	704787.071	7637047.100	281.753
L16	704784.999	7637049.269	281.753



SECTION 1  
SCALE F

SECTION 2  
SCALE F

**FOR CONSTRUCTION**

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 20 093 816 925</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	[Signature]		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29699		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES
SURVEY FILE No	244902	SCALE E 1:200 (A3)
LEVEL DATUM	A.H.D.	1:100 (A1)
MERIDIAN	MGA 55	SCALE F 1:100 (A3)
FILE NAME	60321639-A1-29699	

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		DATE
JASON GRANDCOURT		16/7/2015

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ-7500

DATE 21/7/15

**HOGAN'S POCKET LANDFILL**

**CELL 3 - DESIGN**

**LEACHATE & GROUNDWATER SUMPS SETOUT**

SHEET 8 OF 29

WORKS JOB No.

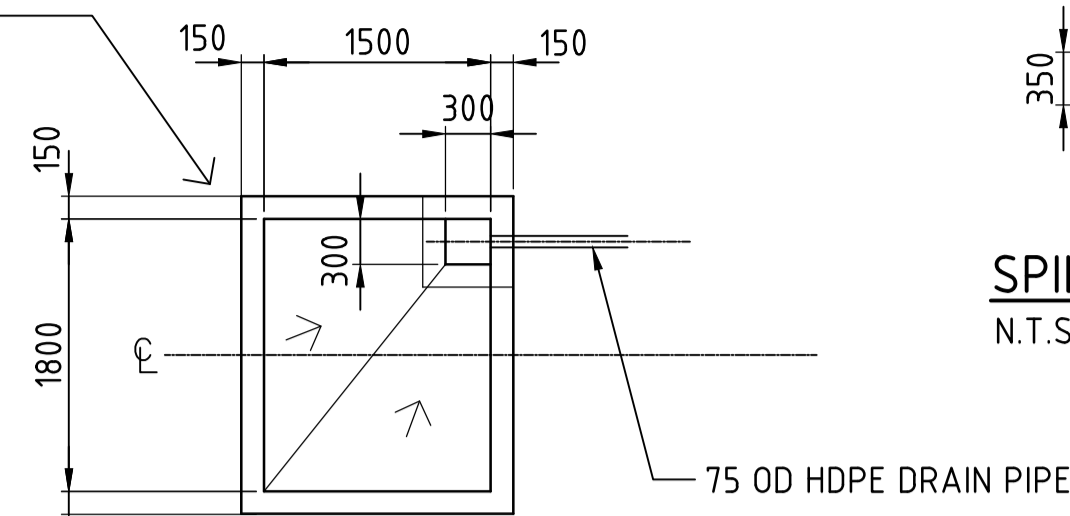
DRAWING No. **A1-29699**

AMEND. **D**

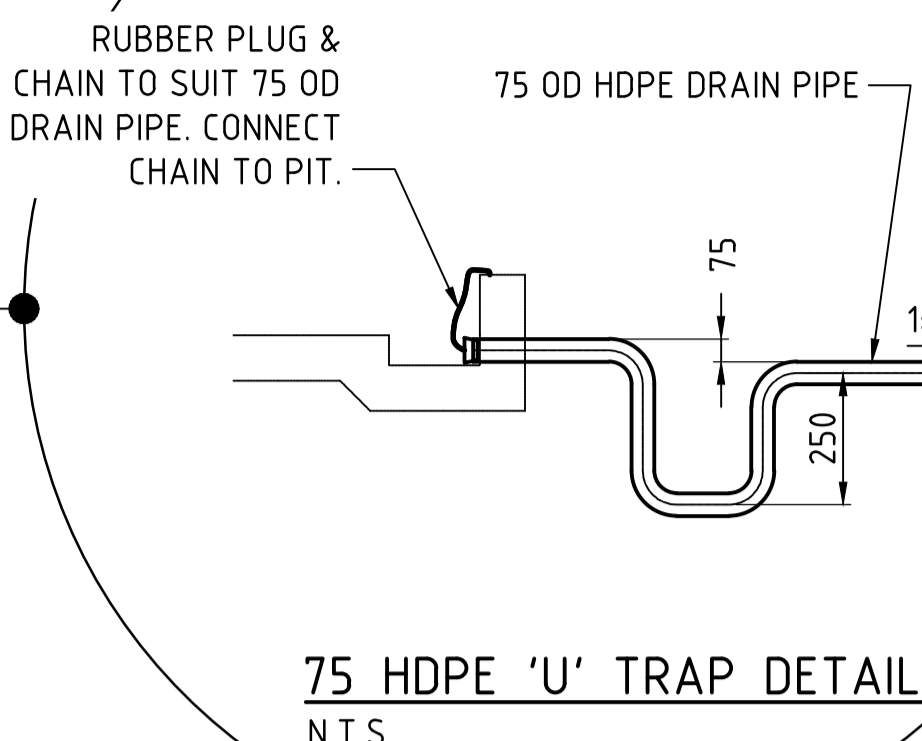
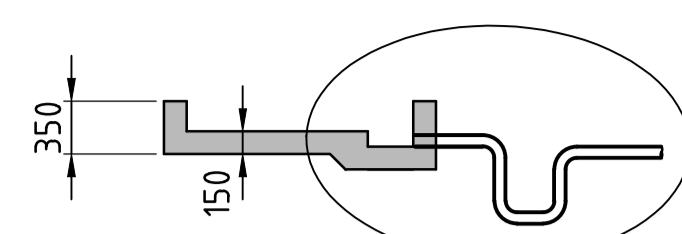


SPILLAGE PIT:  
150 THICK CONC GRADE N25 F82 MESH  
CENTRALLY PLACED. 25mm FALL TO  
SUMP. (300 x 300 x 100 DEEP SUMP FOR  
75 HDPE DRAIN PIPE PROVIDE  
LOCALISED THICKENING AT SUMP TO  
MAINTAIN 150mm THICKNESS

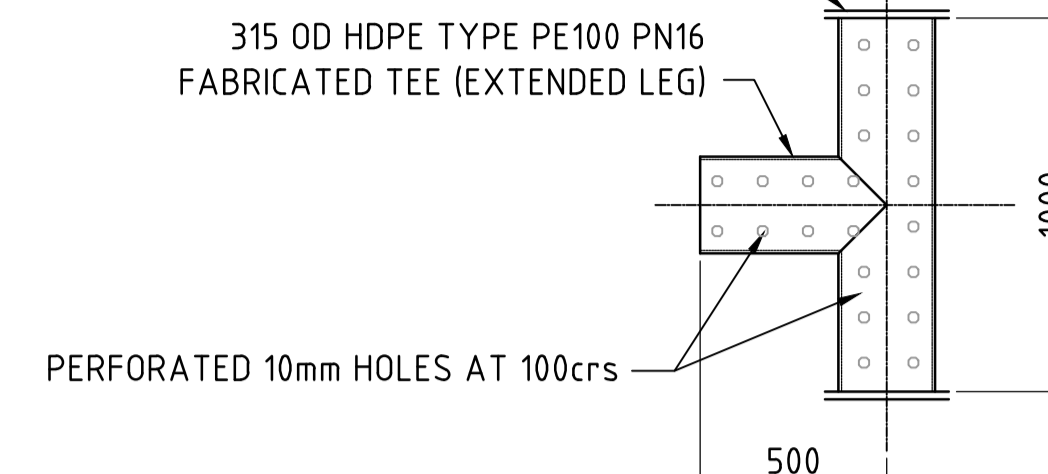
**SPILLAGE PIT PLAN**  
N.T.S.



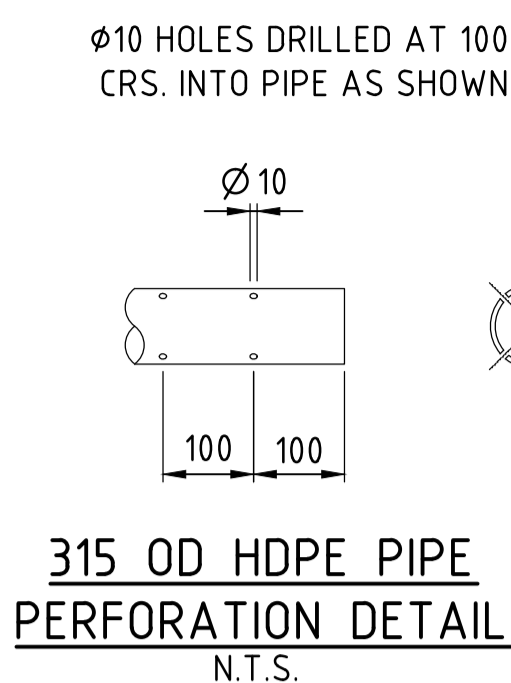
**SPILLAGE PIT SECTION**  
N.T.S.



PROVIDE 315 OD HDPE TYPE PE100 PN16 STUB FLANGE AND BLANK OFF WITH 50mm THICK HDPE FLAT STOCK SHEET BUTT FUSED TO FLANGE (SHAPE TO SUIT). TYPICAL BOTH LEGS.



**LEACHATE COLLECTION RISER & GROUNDWATER SUMP RISER TEE DETAIL**  
N.T.S.



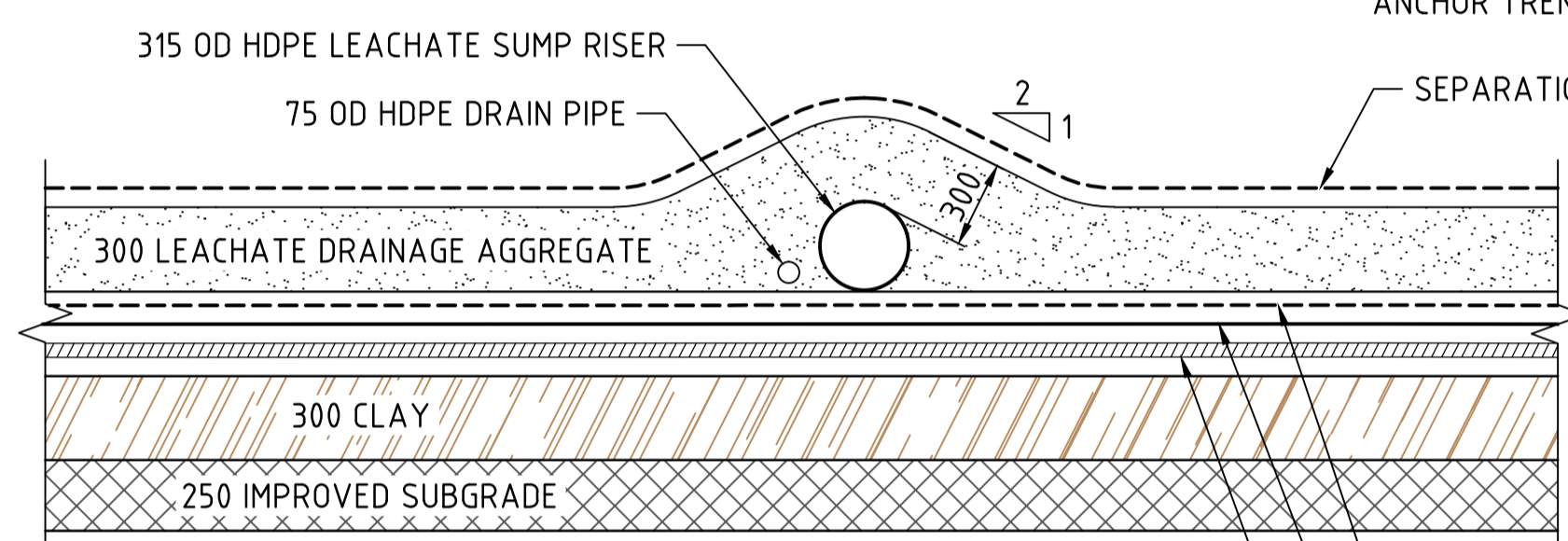
BLANK FLANGE AND S/S BOLTS TO SUIT. PROVIDE 10mm GAS-TIGHT RUBBER GASKET TO LEACHATE SUMP RISER



ERECT WARNING SIGN ADJACENT TO LEACHATE CLEANOUT RISER

LOCALISED MOUNDING OVER LEACHATE SUMP RISER

REFER DRG 29703 FOR TYPICAL ANCHOR TRENCH DETAIL



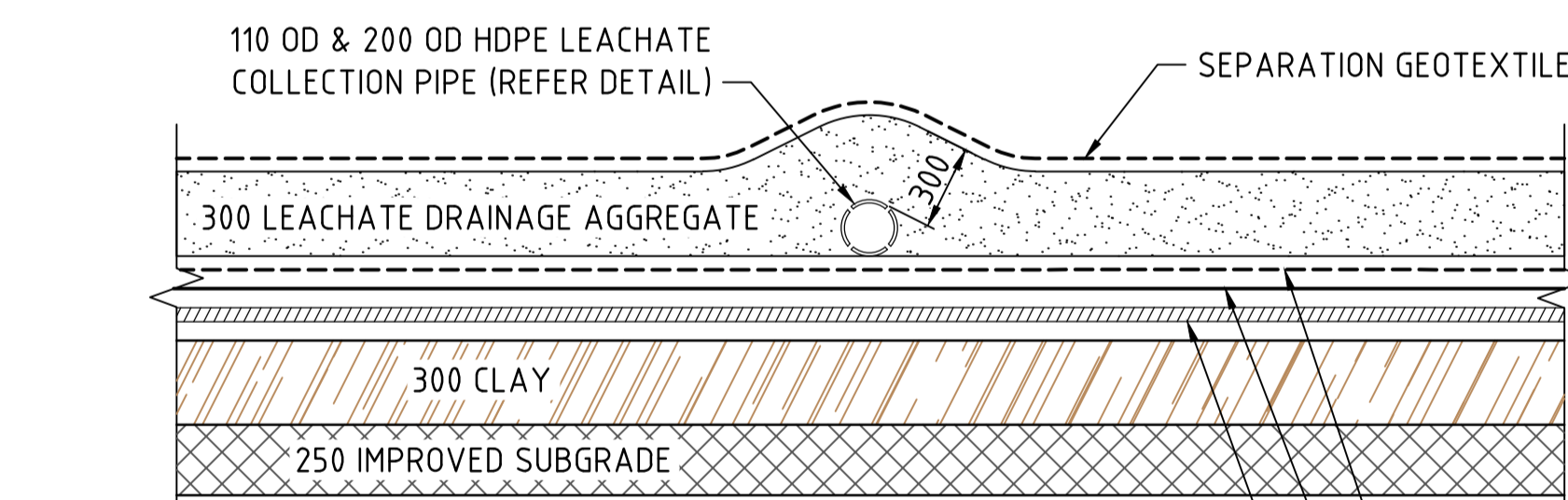
**SECTION 2**  
N.T.S.

BLANK FLANGE AND S/S BOLTS TO SUIT. PROVIDE 10mm GAS-TIGHT RUBBER GASKET TO CLEANOUT RISER



ERECT WARNING SIGN ADJACENT TO LEACHATE CLEANOUT RISER

REFER DRG 29703 FOR TYPICAL ANCHOR TRENCH DETAIL

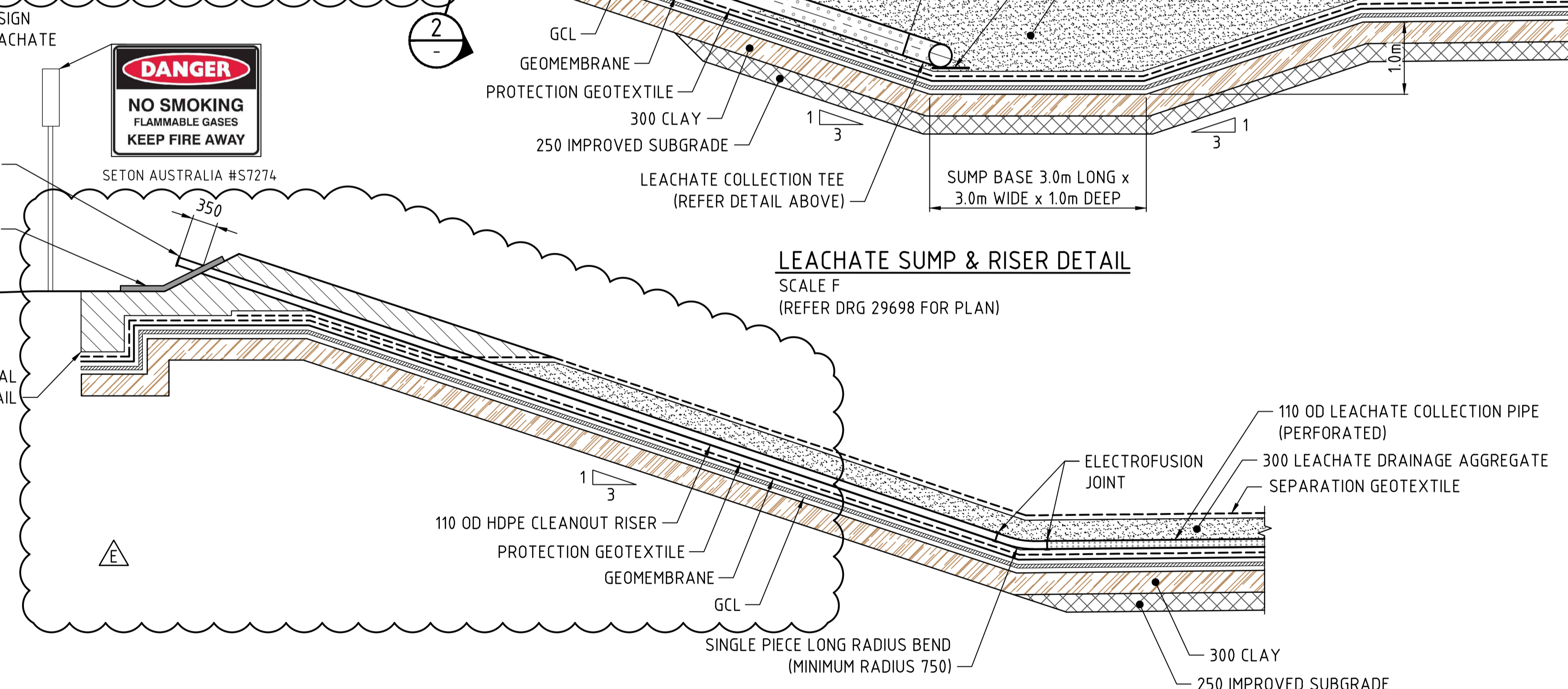


**LEACHATE COLLECTION PIPE DETAIL**  
N.T.S.

BLANK FLANGE AND S/S BOLTS TO SUIT. PROVIDE 10mm GAS-TIGHT RUBBER GASKET TO CLEANOUT RISER

SETON AUSTRALIA #S7274

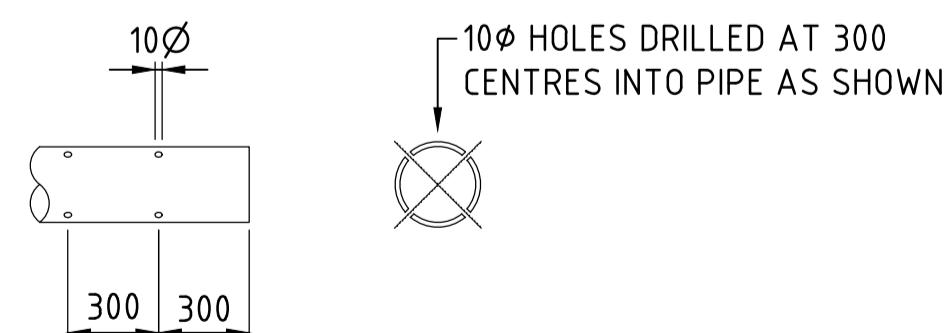
REFER DRG 29703 FOR TYPICAL ANCHOR TRENCH DETAIL



**LEACHATE SUMP & RISER DETAIL**  
SCALE F  
(REFER DRG 29698 FOR PLAN)

**LEACHATE CLEANOUT RISER DETAIL**  
SCALE F  
(REFER DRG 29698 FOR PLAN)

**LEACHATE COLLECTION PIPE - 100 OD & 200 OD HDPE PERFORATION DETAIL**  
N.T.S.



**FOR CONSTRUCTION**

<b>AECOM</b> AECOM Australia Pty Ltd. A.B.N. 20 093 846 925 THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	R. COSSINS		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29700		

E	07.10.15	LEACHATE DRAINAGE AGGERATE AMANDED	P.M.	R.C.	SURVEY	MRC MERGED	SCALES	DRAWN	SIGNED	DATE	DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE
D	23.06.15	FOR CONSTRUCTION	P.M.	R.C.	SURVEY FILE No	244902	SCALE F	DESIGNED	SIGNED	DATE	JASON DEVITT RPEQ 7506
C	04.06.15	FINAL REVIEW	P.M.		LEVEL DATUM	A.H.D.	1:100 (A3)	CHECKED	SIGNED	DATE	MANAGER WASTE SERVICES
B	12.01.15	FOR TENDER	M.T.		MERIDIAN	MGA 55	1:50 (A1)				JASON GRANDCOURT
A	24.10.14	CLIENT ISSUE	M.T.		FILE NAME	60321639-A1-29700					
NO.	DATE	DESCRIPTION	DRAWN	APPROVED	AMENDMENTS AND REVISIONS						

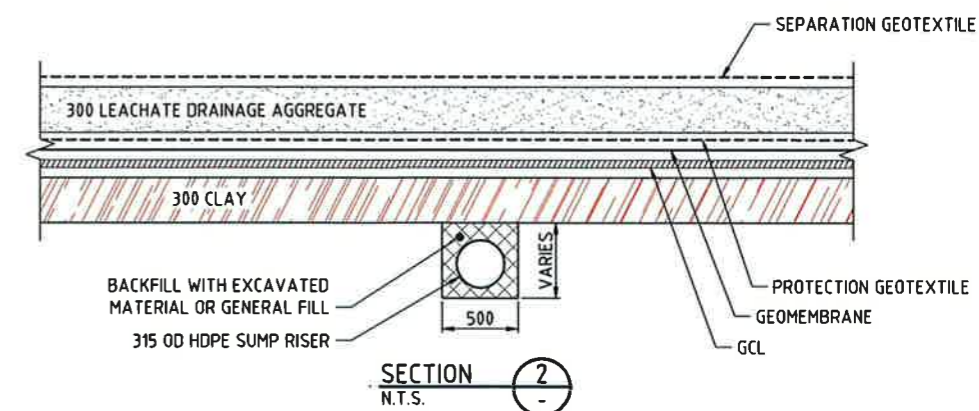
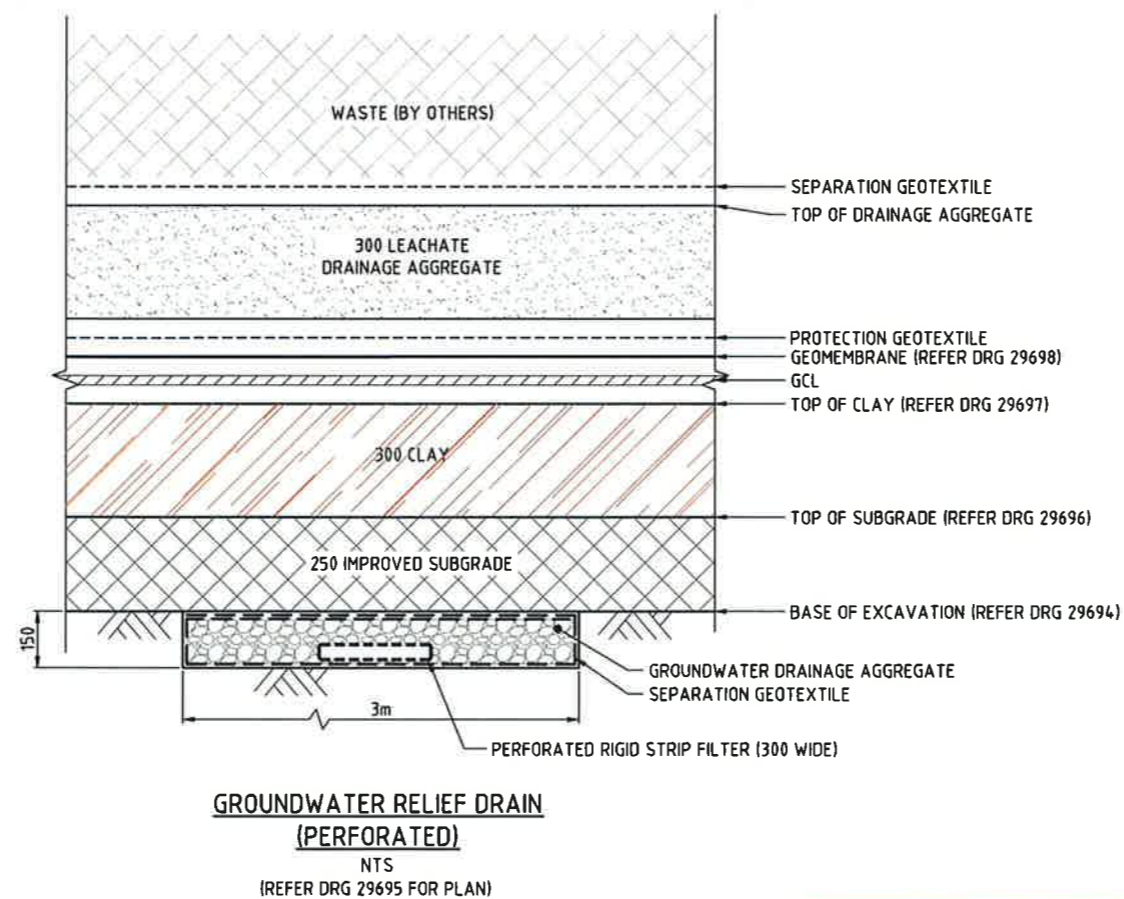
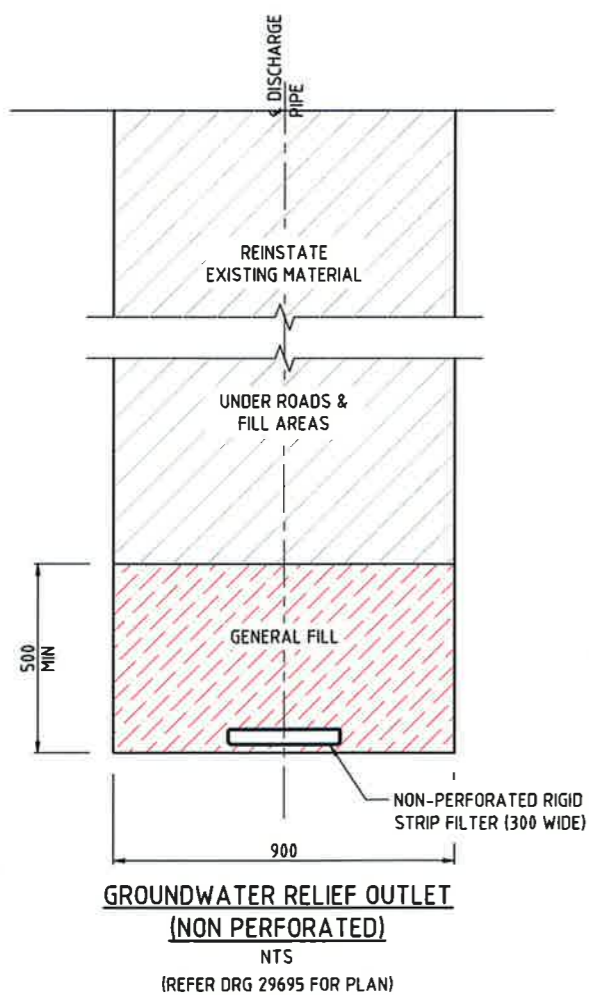
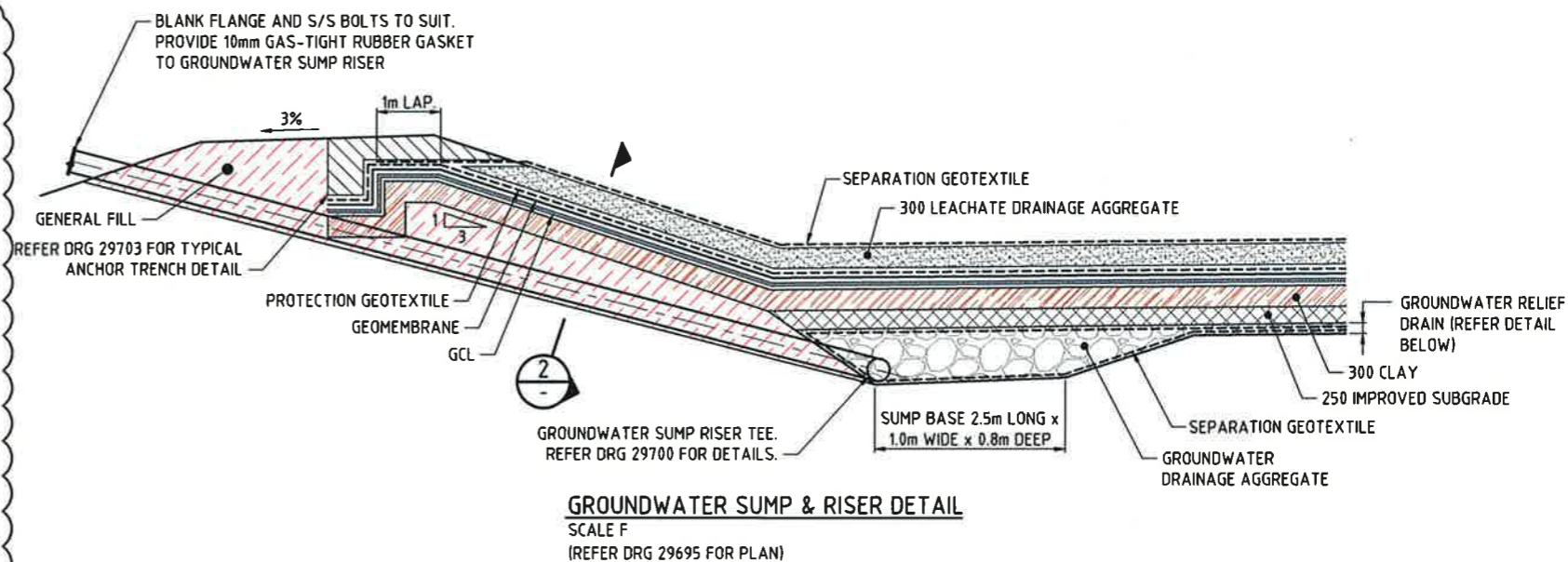
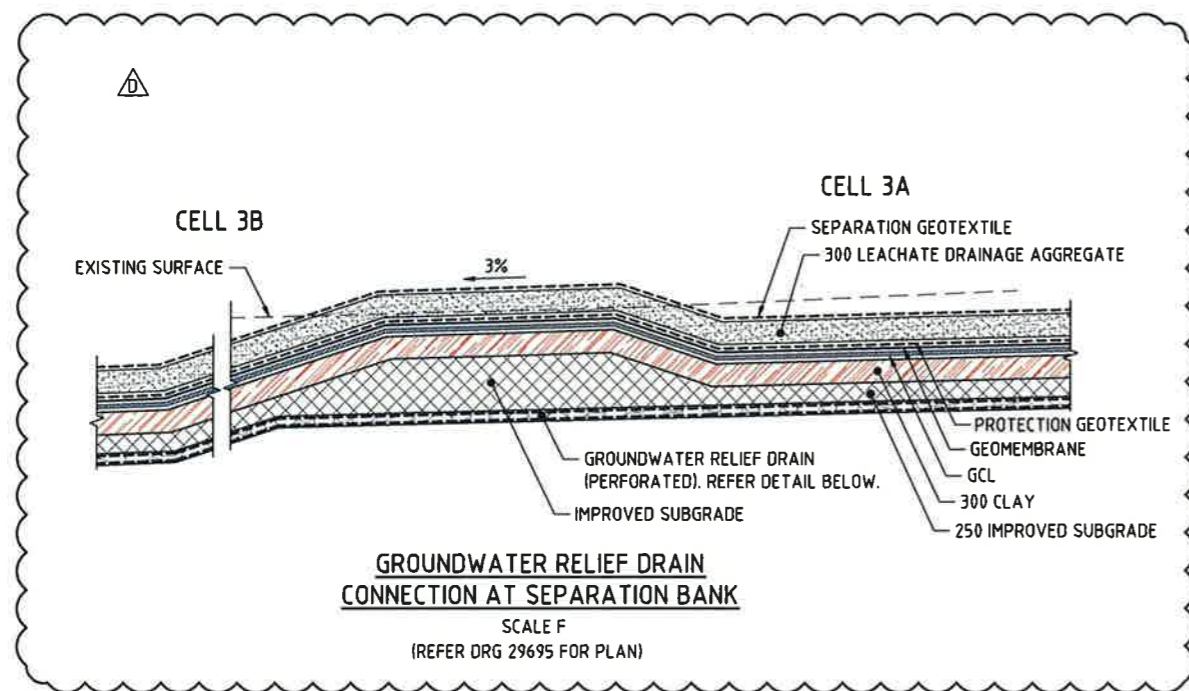
DATE \_\_\_\_\_

**Mackay REGIONAL COUNCIL**

**HOGAN'S POCKET LANDFILL**  
CELL 3 - DESIGN  
LEACHATE COLLECTION DETAILS

SHEET 9 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29700	E





**FOR CONSTRUCTION**

<b>AECOM</b> <small>AECOM Australia Pty Ltd A.B.N. 20 092 816 925          THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001-2000</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	[Signature]		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29701		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	
AMENDMENTS AND REVISIONS				

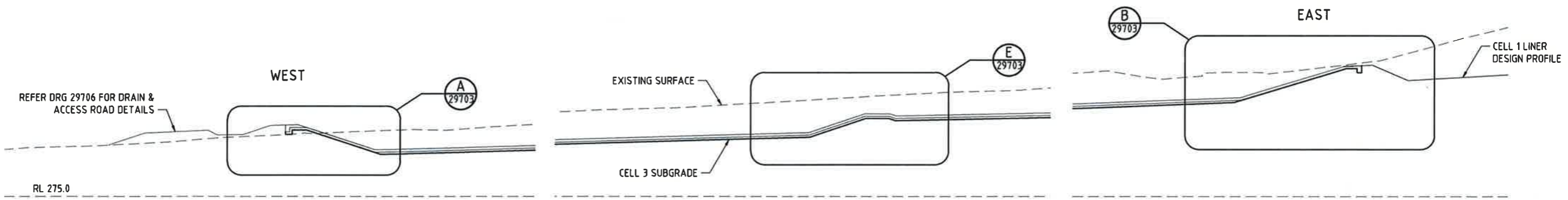
SURVEY	MRC MERGED	SCALES	1:100 (A3) 1:50 (A1)
SURVEY FILE No.	244902	LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55	FILE NAME	60321639-A1-29701

DRAWN	SIGNED	DATE	
DESIGNED	SIGNED	DATE	
CHECKED	SIGNED	DATE	
MANAGER WASTE SERVICES	[Signature]	DATE	16/7/2015
JASON GRANDCOURT		DATE	

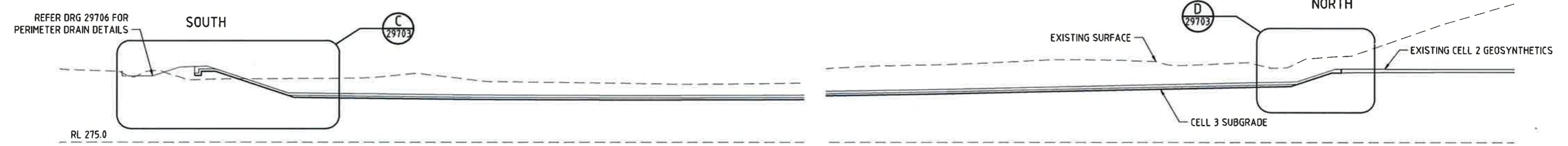
DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
 JASON DEVITT RPEQ 7506  
 DATE \_\_\_\_\_

**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
**GROUNDWATER RELIEF SYSTEM DETAILS**

SHEET 10 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29701	D



SECTION 1  
SCALE C



SECTION 2  
SCALE C

FOR CONSTRUCTION

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 20 893 816 925</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	<i>ajl</i>		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29702		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED
SURVEY FILE No	244902
LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55
FILE NAME	60321639-A1-29702

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES	<i>J.G.</i>	16/7/15
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

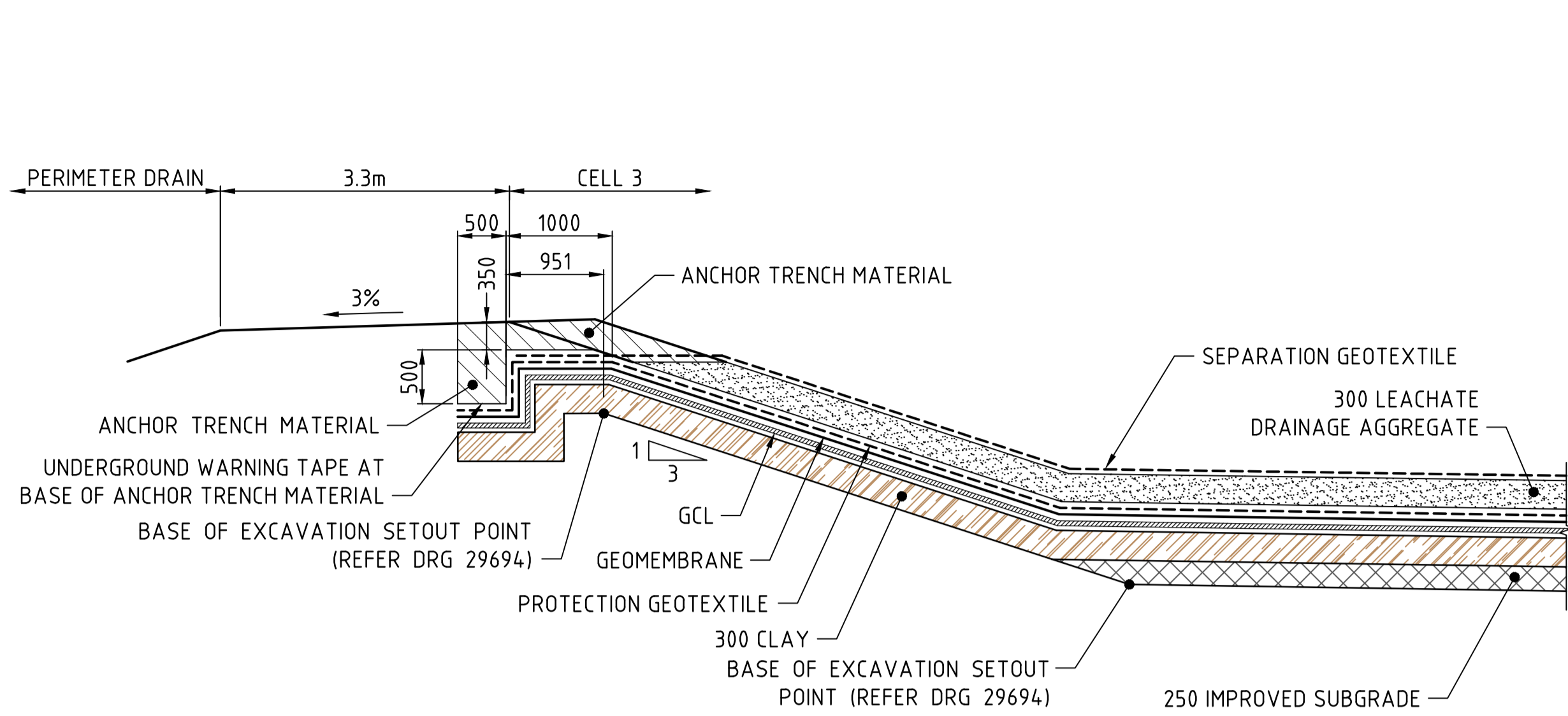
JASON DEVITT RPEQ 7508

DATE 25/7/15

**HOGAN'S POCKET LANDFILL**  
CELL 3 - DESIGN  
TYPICAL SECTIONS

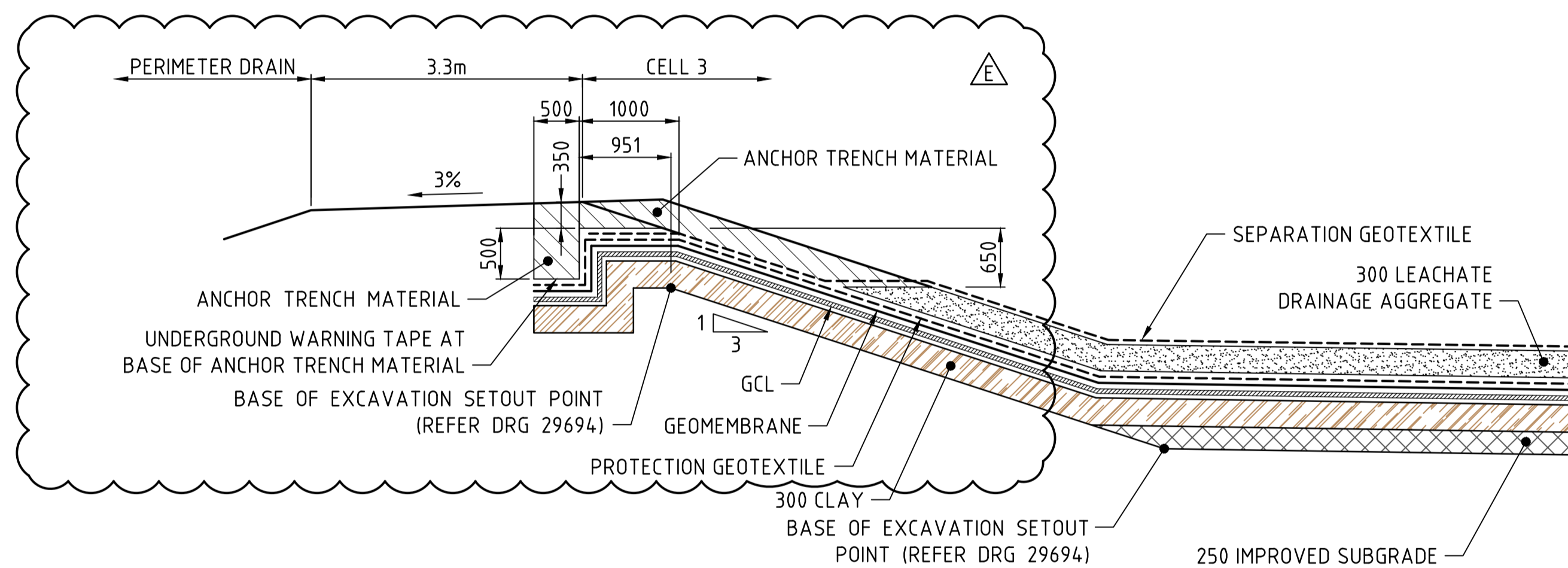
SHEET 11 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29702	D





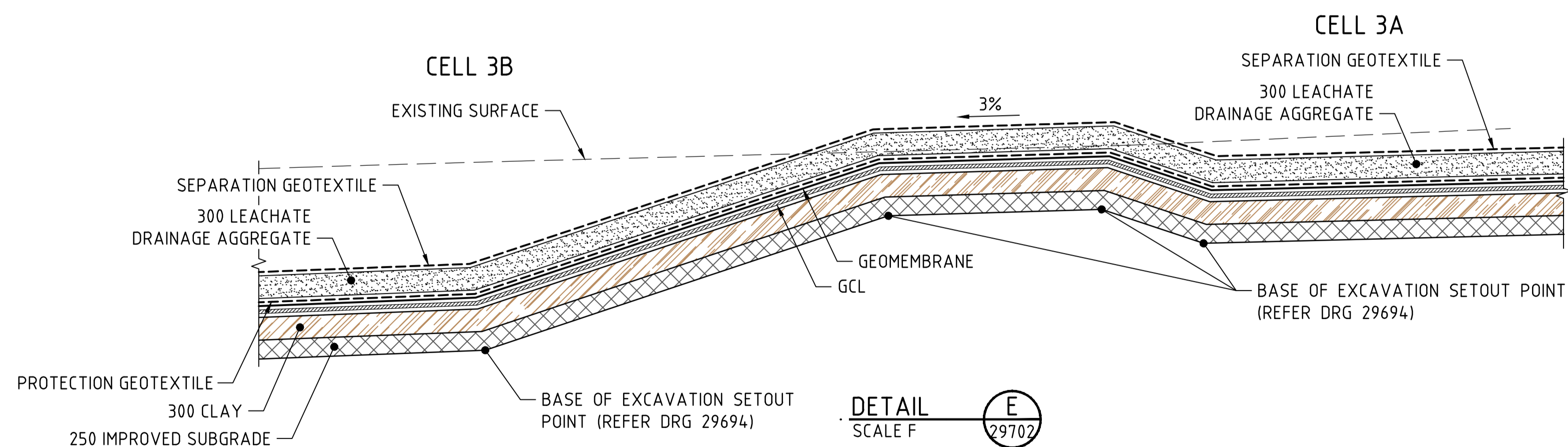
DETAIL A SCALE F 29702

EDGE DETAIL - LANDFILL PERIMETER (WEST) - (TYPICAL)



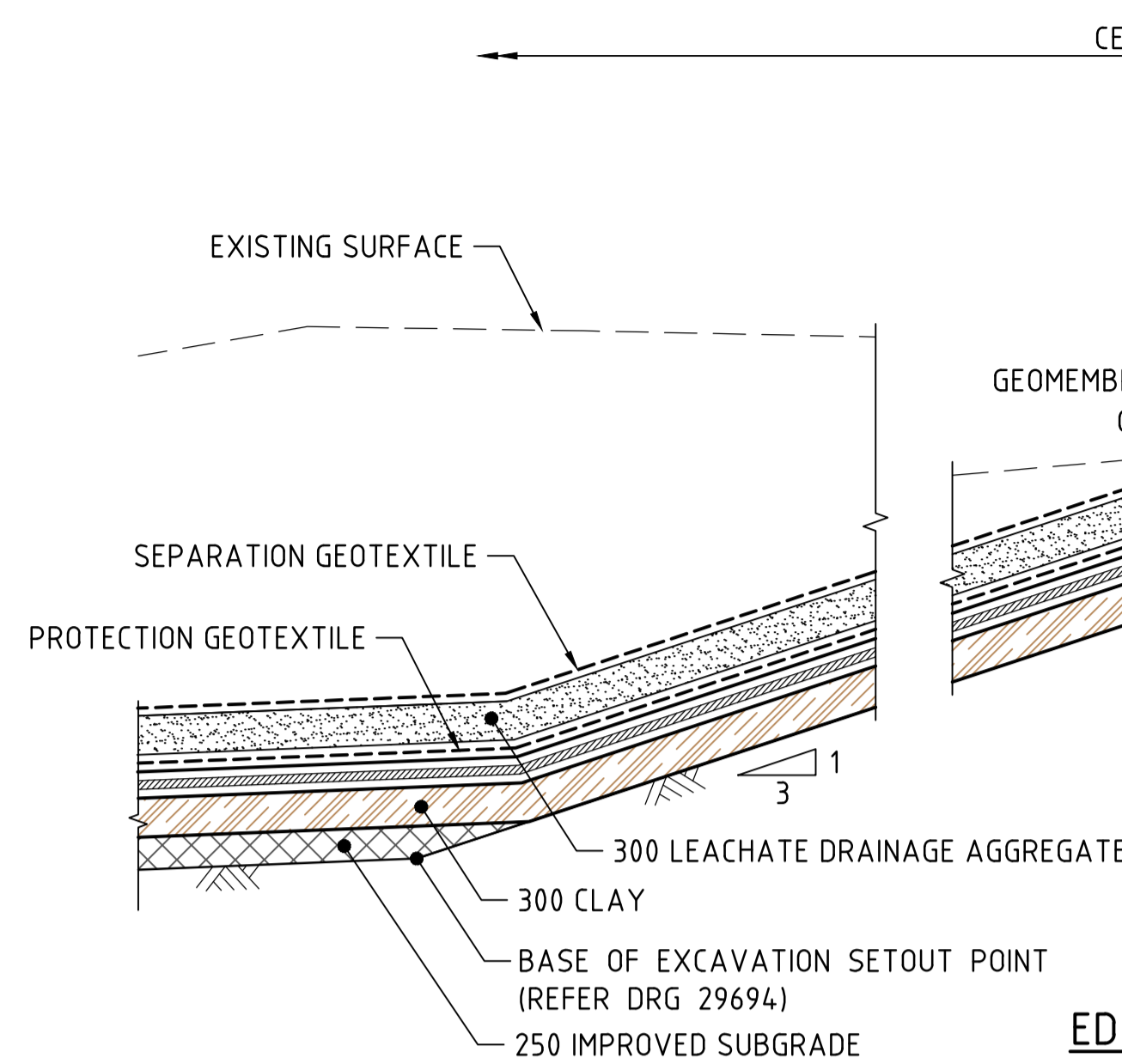
DETAIL C SCALE F 29702

EDGE DETAIL - LANDFILL PERIMETER (SOUTH) - (TYPICAL)



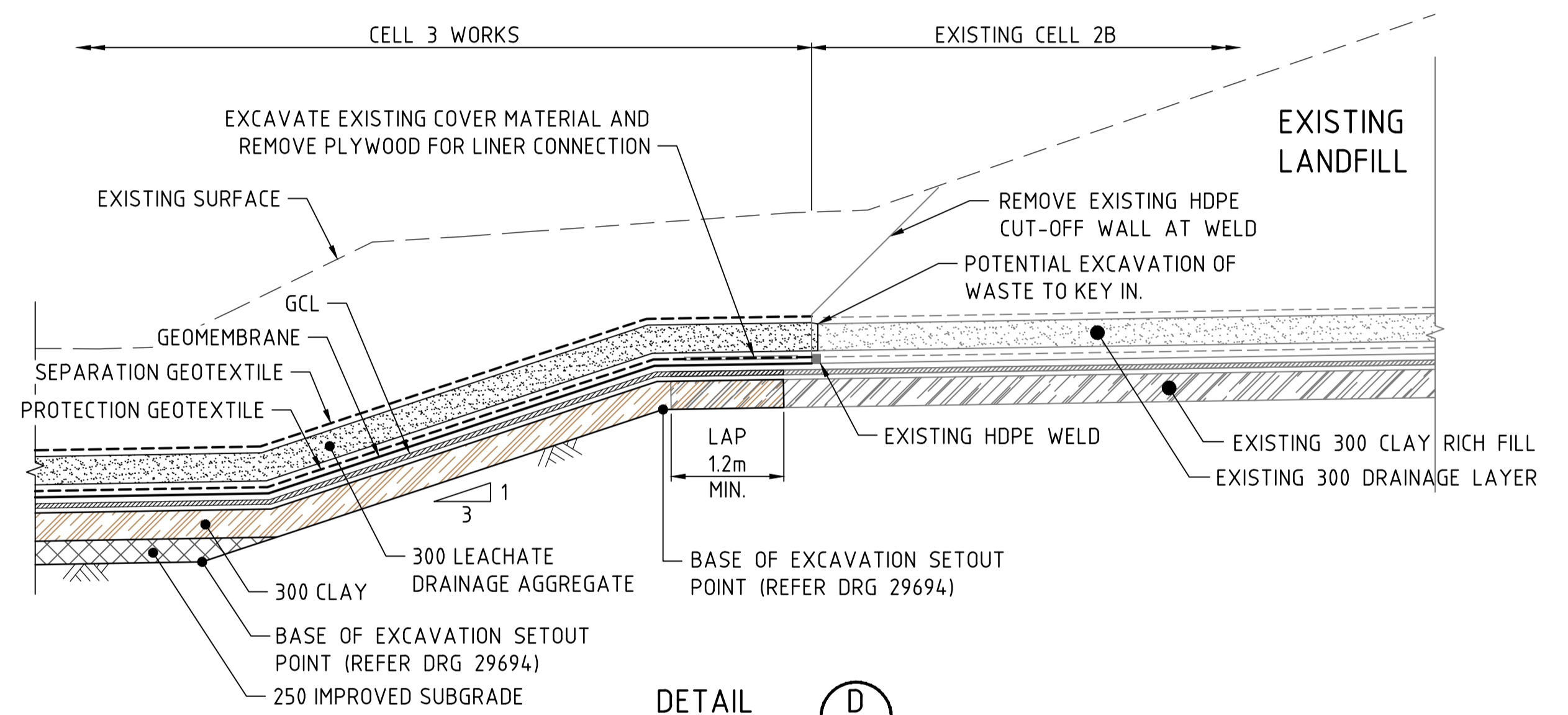
DETAIL E SCALE F 29702

SEPARATION BANK DETAIL (TYPICAL)



DETAIL B SCALE F 29702

EDGE DETAIL - CONNECTION TO EXISTING CELL 1 (EAST) - (TYPICAL)



DETAIL D SCALE F 29702

EDGE DETAIL - CONNECTION TO EXISTING CELL 2 (NORTH) - (TYPICAL)

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. GEOSYNTHETICS ARE DRAWN TO AN EXAGGERATED SCALE FOR CLARITY. DIMENSIONS TO GEOSYNTHETICS ARE TO NEAREST SURFACE.
3. MATERIAL THICKNESSES ARE MEASURED PERPENDICULAR TO SUBGRADE.

**FOR CONSTRUCTION**

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
E	07.10.15	LEACHATE DRAINAGE AGGERATE AMANDED	P.M.	R.C.
D	23.06.15	FOR CONSTRUCTION	P.M.	R.C.
C	04.06.15	FINAL REVIEW	P.M.	R.C.
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	SCALES	DRAWN	SIGNED	DATE
MRC MERGED	SCALE F 0 10 20 25m 1:100 (A3) 1:50 (A1)			
SURVEY FILE No 244902		DESIGNED	SIGNED	DATE
LEVEL DATUM A.H.D.		CHECKED	SIGNED	DATE
MERIDIAN MGA 55		MANAGER WASTE SERVICES		
FILE NAME 60321639-A1-29703		JASON GRANDCOURT		

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE	DATE
JASON DEVIIT RPEQ 7506	

THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001-2000

 <small>AECOM Australia Pty Ltd. A.B.N. 20 093 846 925</small> <small>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001-2000</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	R. COSSINS		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29703		

**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
**TYPICAL DETAILS**

SHEET 12 OF 29  
 WORKS JOB No.  
 DRAWING No. A1-29703  
 AMEND. E



EXCAVATION SETOUT - CELL BASE			
POINT	EASTING	NORTHING	LEVEL
A1	704845.314	7637202.770	280.842
A2	704859.138	7637188.317	281.421
A3	704872.962	7637173.864	281.983
A4	704830.861	7637188.946	280.409
A5	704844.685	7637174.493	280.988
A6	704858.509	7637160.040	281.563
A7	704816.408	7637175.122	279.997
A8	704830.232	7637160.669	280.595
A9	704844.056	7637146.216	281.209
A10	704788.130	7637175.751	279.503
A11	704801.955	7637161.298	279.829
A12	704815.779	7637146.845	280.314
A13	704829.603	7637132.391	280.972
A14	704773.677	7637161.926	279.310
A15	704787.502	7637147.473	279.687
A16	704801.326	7637133.020	280.123
A17	704815.150	7637118.567	280.823
A18	704759.224	7637148.102	279.149
A19	704773.048	7637133.649	279.571
A20	704786.873	7637119.196	280.025
A21	704800.697	7637104.743	280.770
A22	704744.771	7637134.278	279.029
A23	704758.595	7637119.825	279.522
A24	704772.420	7637105.372	280.033
A25	704786.244	7637090.919	280.813
A26	704730.318	7637120.454	278.944
A27	704744.142	7637106.001	279.549
A28	704757.967	7637091.548	280.184
A29	704771.791	7637077.095	280.992
A30	704912.750	7637158.779	284.669
A31	704926.574	7637144.326	285.107
A32	704940.398	7637129.873	285.729
A33	704898.297	7637144.955	284.447
A34	704912.121	7637130.502	284.844
A35	704925.945	7637116.049	285.415
A36	704883.843	7637131.131	284.206
A37	704897.668	7637116.678	284.621
A38	704911.492	7637102.225	285.116
A39	704925.316	7637087.772	285.869
A40	704869.390	7637117.307	283.964
A41	704883.215	7637102.854	284.403
A42	704897.039	7637088.401	284.901
A43	704910.863	7637073.948	285.641
A44	704854.937	7637103.482	283.794
A45	704868.762	7637089.029	284.199
A46	704882.586	7637074.576	284.746
A47	704896.410	7637060.123	285.457
A48	704910.234	7637045.670	286.295
A49	704840.484	7637089.658	283.627
A50	704854.309	7637075.205	284.018
A51	704868.133	7637060.752	284.619
A52	704881.957	7637046.299	285.327
A53	704895.781	7637031.846	286.186
A54	704826.031	7637075.834	283.474
A55	704839.856	7637061.381	283.911
A56	704853.680	7637046.928	284.532
A57	704867.504	7637032.475	285.262
A58	704881.328	7637018.022	286.136
A59	704895.152	7637003.569	287.020
A60	704811.578	7637062.010	283.337
A61	704825.402	7637047.557	283.845
A62	704839.227	7637033.104	284.496
A63	704853.051	7637018.651	285.267
A64	704866.875	7637004.198	286.157
A65	704880.699	7636989.745	287.046
A66	704894.524	7636975.291	287.936
A67	704810.949	7637033.733	283.807
A68	704824.774	7637019.279	284.535
A69	704838.598	7637004.826	285.327
A70	704852.422	7636990.373	286.189

EXCAVATION SETOUT - CELL BATTERS			
POINT	EASTING	NORTHING	LEVEL
A100	704834.870	7637227.956	283.054
A101	704836.730	7637226.830	282.335
A102	704837.632	7637218.812	280.495
A103	704823.922	7637216.261	283.035
A104	704829.344	7637209.850	280.265
A105	704814.148	7637208.757	282.881
A106	704819.441	7637201.734	279.979
A107	704750.262	7637160.605	280.628
A108	704753.316	7637156.553	278.954
A109	704730.298	7637145.558	280.158
A110	704733.042	7637141.917	278.653
A111	704718.319	7637136.529	280.168
A112	704719.388	7637130.770	278.471
A113	704725.317	7637124.587	278.740
A114	704718.814	7637118.351	278.703
A115	704712.535	7637124.844	278.402
A116	704700.570	7637123.082	281.424
A117	704744.958	7637091.014	279.948
A118	704769.957	7637050.538	284.769
A119	704776.655	7637051.207	283.108
A120	704776.590	7637056.556	281.838
A121	704796.458	7637078.268	281.452
A122	704800.564	7637073.952	283.438
A123	704802.520	7637071.896	283.523
A124	704803.529	7637070.835	283.035
A125	704820.835	7637103.424	281.327
A126	704825.923	7637098.075	283.788
A127	704827.879	7637096.019	283.873
A128	704828.934	7637094.911	283.363
A129	704838.681	7637120.936	281.448
A130	704844.037	7637115.306	284.038
A131	704845.992	7637113.250	284.123
A132	704847.060	7637112.128	283.607
A133	704856.714	7637138.252	281.712
A134	704862.150	7637132.537	284.288
A135	704864.106	7637130.481	284.373
A136	704865.189	7637129.343	283.849
A137	704879.116	7637158.224	282.282
A138	704883.894	7637153.222	284.588
A139	704885.866	7637151.181	284.673
A140	704886.899	7637150.070	284.168
A141	704899.660	7637176.174	282.939
A142	704907.343	7637175.528	284.912
A143	704909.677	7637173.832	285.002
A144	704910.702	7637172.754	284.506
A145	704954.267	7637141.730	286.054
A146	704960.885	7637137.928	288.528
A147	704942.944	7637112.591	286.059
A148	704952.158	7637109.738	289.242
A149	704930.578	7637079.780	286.211
A150	704941.807	7637076.304	290.090
A151	704917.758	7637041.876	286.649
A152	704929.978	7637038.093	290.870
A153	704902.500	7636992.003	287.621
A154	704914.554	7636988.271	291.785
A155	704900.796	7636967.282	288.374
A156	704926.143	7636948.056	294.026
A157	704872.440	7636973.930	287.324
A158	704868.448	7636965.014	290.547
A159	704847.032	7636987.041	286.154
A160	704842.075	7636979.897	289.024
A161	704824.355	7637004.772	284.977
A162	704818.902	7636999.394	287.505
A163	704804.916	7637024.057	283.915
A164	704800.004	7637019.124	286.219
A165	704786.959	7637042.843	283.062
A166	704780.725	7637049.334	282.753
A167	704778.611	7637049.151	283.193
A168	704787.346	7637055.498	282.826
A169	704793.482	7637049.076	283.112
A170	704787.120	7637049.221	281.753
A171	704718.954	7637124.720	277.400
A172	704954.748	7637142.402	286.326
A173	704944.645	7637149.629	285.800

**NOTE:**

1. ALL SETOUT IS TO BASE OF EXCAVATION LEVEL.
2. ALL SETOUT POINT LOCATIONS SHOWN ON TYPICAL DETAILS DRAWING (REFER DRG 29703)



NO.	DATE	DESCRIPTION	DRAWN	APPROVED
E	24.08.15	NOTE AMENDED	P.M.	<i>[Signature]</i>
D	23.08.15	FOR CONSTRUCTION	P.M.	R.C.
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	
AMENDMENTS AND REVISIONS				

SURVEY		SCALES	
MRC MERGED			
SURVEY FILE No	244002		
LEVEL DATUM	A.H.D.		
MERIDIAN	MGA 55		
FILE NAME	60321639-A1-29704		

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		
<i>[Signature]</i>		8/9/2015
JASON GRANDCOURT		DATE

**FOR CONSTRUCTION**

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

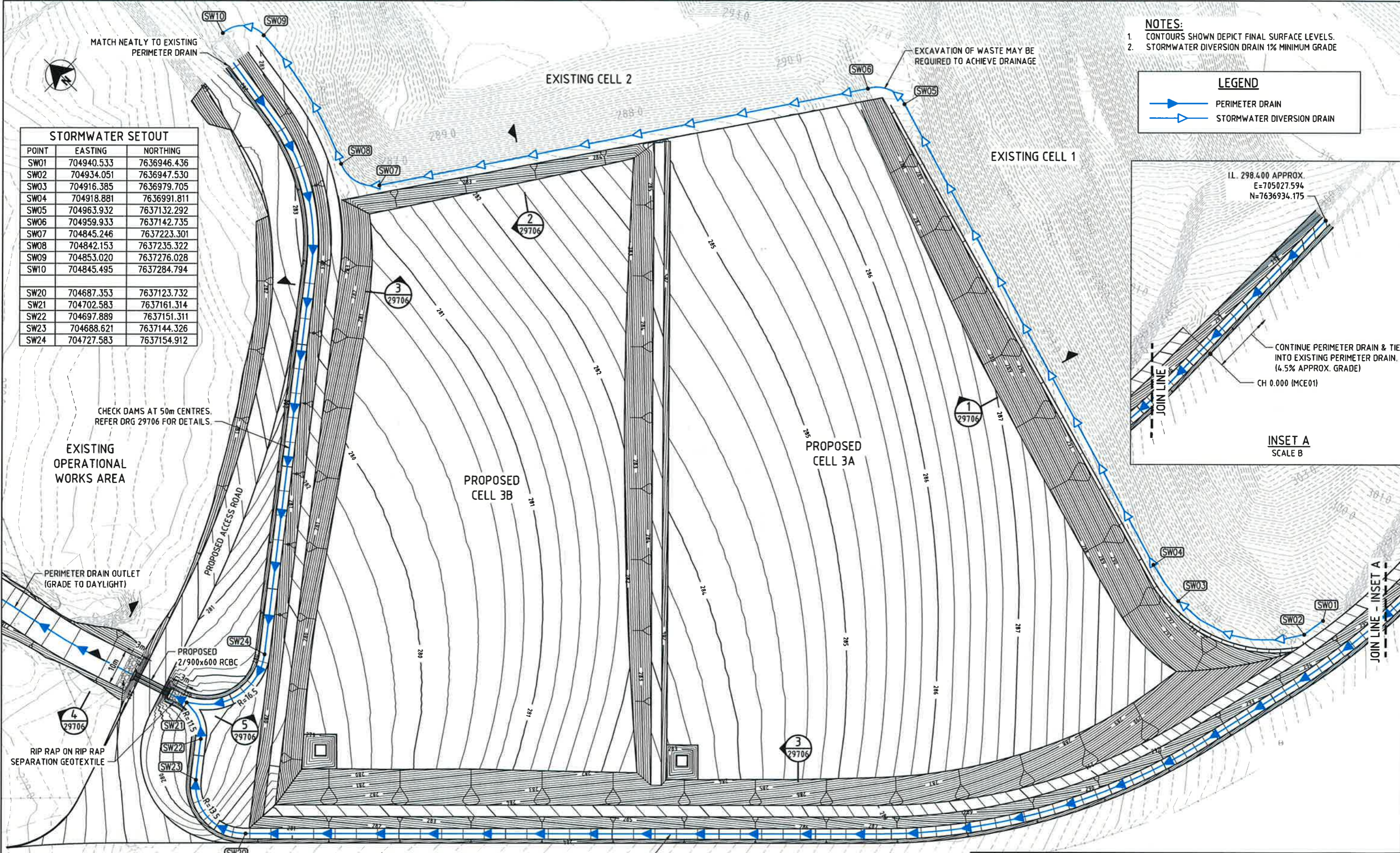
*[Signature]*

JASON DEVITT RPEQ 7500

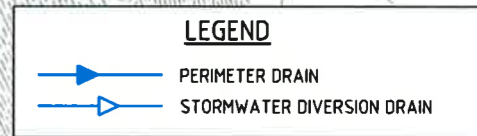
DATE 9/9/15

<p>AECOM Australia Pty Ltd. A.B.N. 20 993 846 975</p> <p>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</p>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	R. COSSINS		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29704		
<b>HOGAN'S POCKET LANDFILL</b> CELL 3 - DESIGN SETOUT TABLES				
SHEET 13 OF 29				AMEND.
WORKS JOB No.				
DRAWING No.				
A1-29704				E



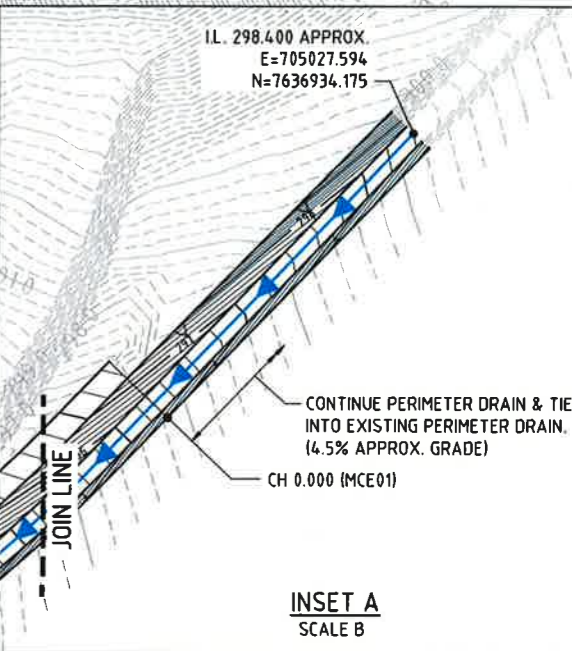


- NOTES:**
1. CONTOURS SHOWN DEPICT FINAL SURFACE LEVELS.
  2. STORMWATER DIVERSION DRAIN 1% MINIMUM GRADE



**STORMWATER SETOUT**

POINT	EASTING	NORTHING
SW01	704940.533	7636946.436
SW02	704934.051	7636947.530
SW03	704916.385	7636979.705
SW04	704918.881	7636991.811
SW05	704963.932	7637132.292
SW06	704959.933	7637142.735
SW07	704845.246	7637223.301
SW08	704842.153	7637235.322
SW09	704853.020	7637276.028
SW10	704845.495	7637284.794
SW20	704687.353	7637123.732
SW21	704702.583	7637161.314
SW22	704697.889	7637151.311
SW23	704688.621	7637144.326
SW24	704727.583	7637154.912



CHECK DAMS AT 50m CENTRES REFER DRG 29706 FOR DETAILS.

EXISTING OPERATIONAL WORKS AREA

PERIMETER DRAIN OUTLET (GRADE TO DAYLIGHT)

RIP RAP ON RIP RAP SEPARATION GEOTEXTILE

PROPOSED 27900x600 RCBC

CHECK DAMS. REFER DRG 29706 FOR DETAILS.

**FOR CONSTRUCTION**

**AECOM**

AECOM Australia Pty Ltd. A.B.N. 29 993 846 975  
THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2008

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED	<i>AK</i>		
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29705		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

AMENDMENTS AND REVISIONS

SURVEY MRC MERGED	SCALES
SURVEY FILE No 244902	SCALE B 1:100 (A3) 1:500 (A1)
LEVEL DATUM A.H.D.	
MERIDIAN MGA 55	
FILE NAME 60321639-A1-29705	

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		
JASON GRANDCOURT		16/7/15

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

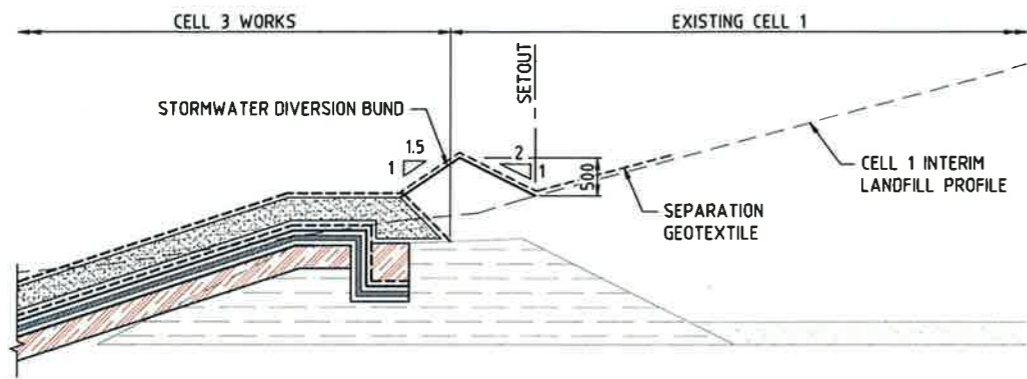
JASON DEVITT RPEQ 7508

DATE 21/7/15

**HOGAN'S POCKET LANDFILL**  
CELL 3 - DESIGN  
STORMWATER LAYOUT PLAN

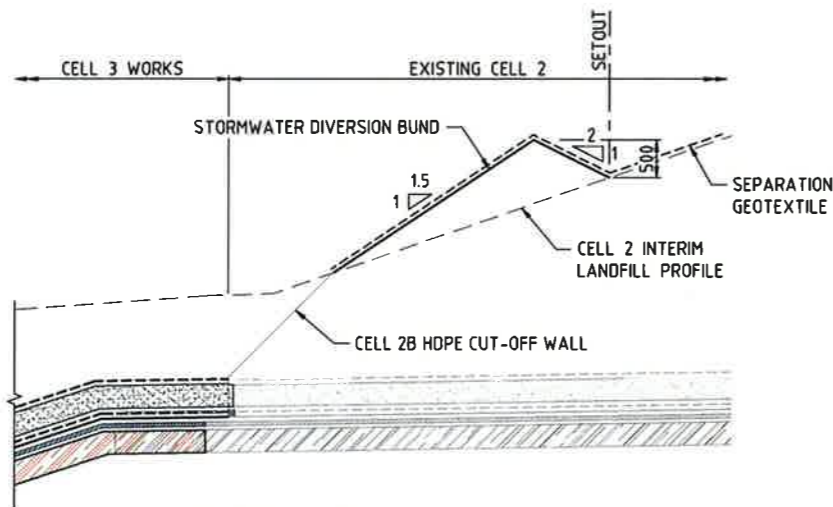
SHEET 14 OF 29
WORKS JOB No.
DRAWING No. A1-29705
AMEND. D





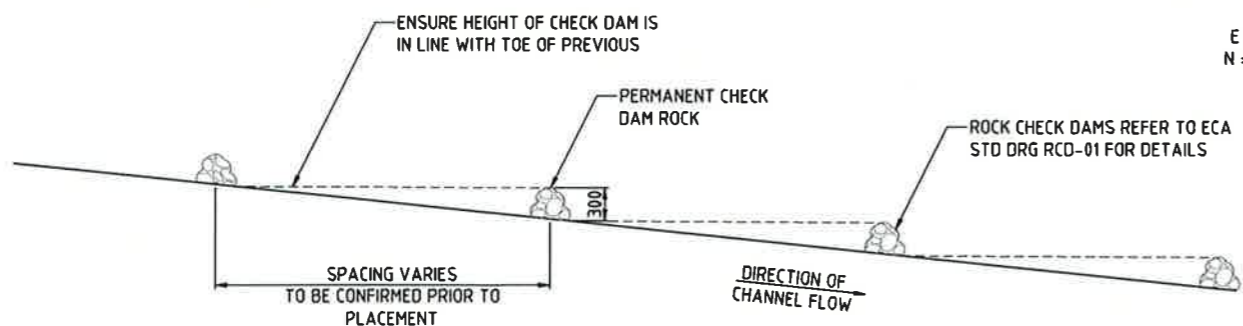
SECTION 1  
SCALE F 29705

STORMWATER DIVERSION BUND - CELL 1 (TYPICAL)

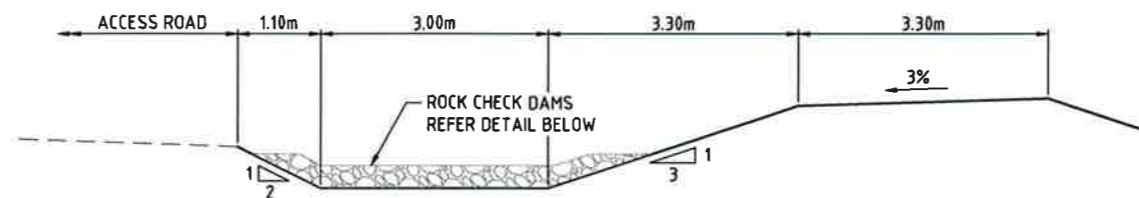


SECTION 2  
SCALE F 29705

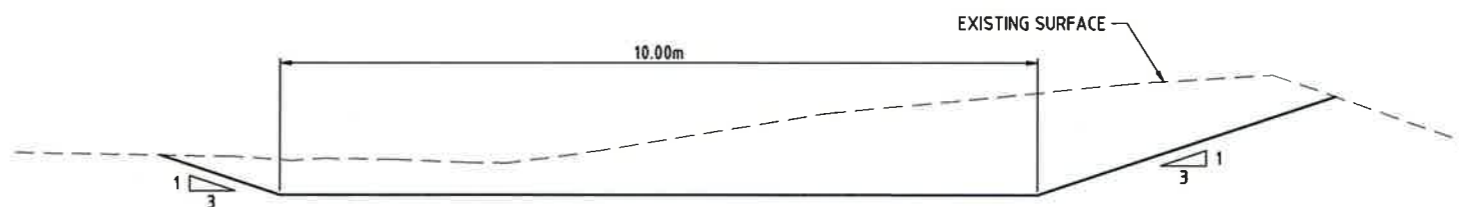
STORMWATER DIVERSION BUND - CELL 2 (TYPICAL)



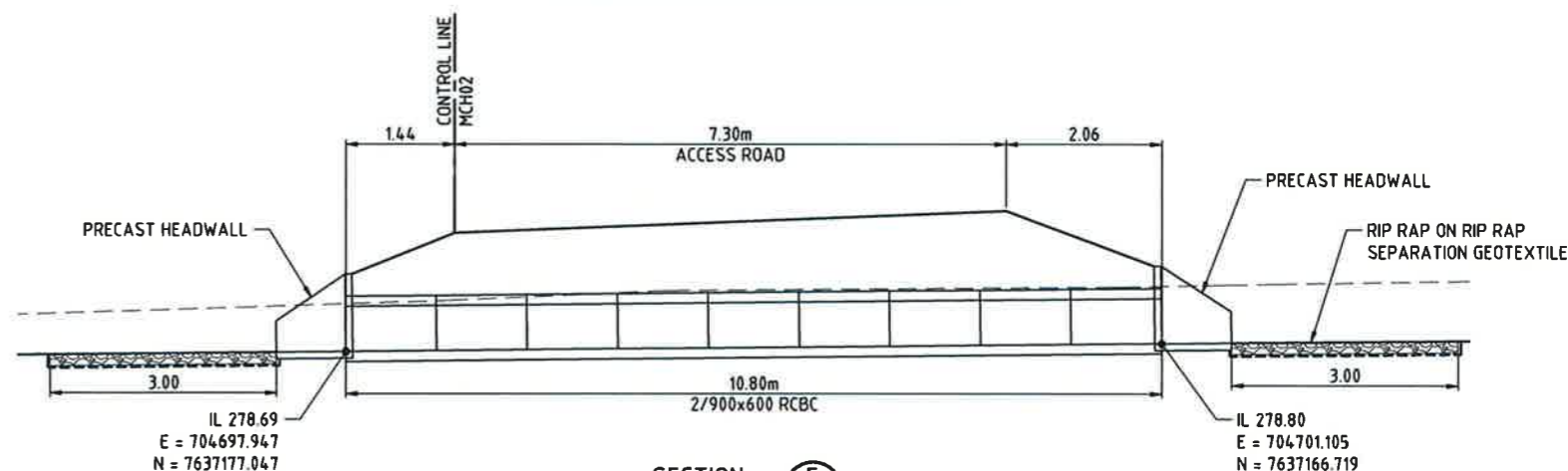
PERMANENT CHECK DAMS  
NTS



SECTION 3  
SCALE F 29705  
PERIMETER DRAIN (TYPICAL)



SECTION 4  
SCALE F 29705  
PERIMETER DRAIN OUTLET (TYPICAL)



SECTION 5  
SCALE F 29705

FOR CONSTRUCTION

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 20 093 866 925</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	<i>[Signature]</i>		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29706		

HOGAN'S POCKET LANDFILL  
CELL 3 - DESIGN  
STORMWATER DETAILS

SHEET 15 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29706	D

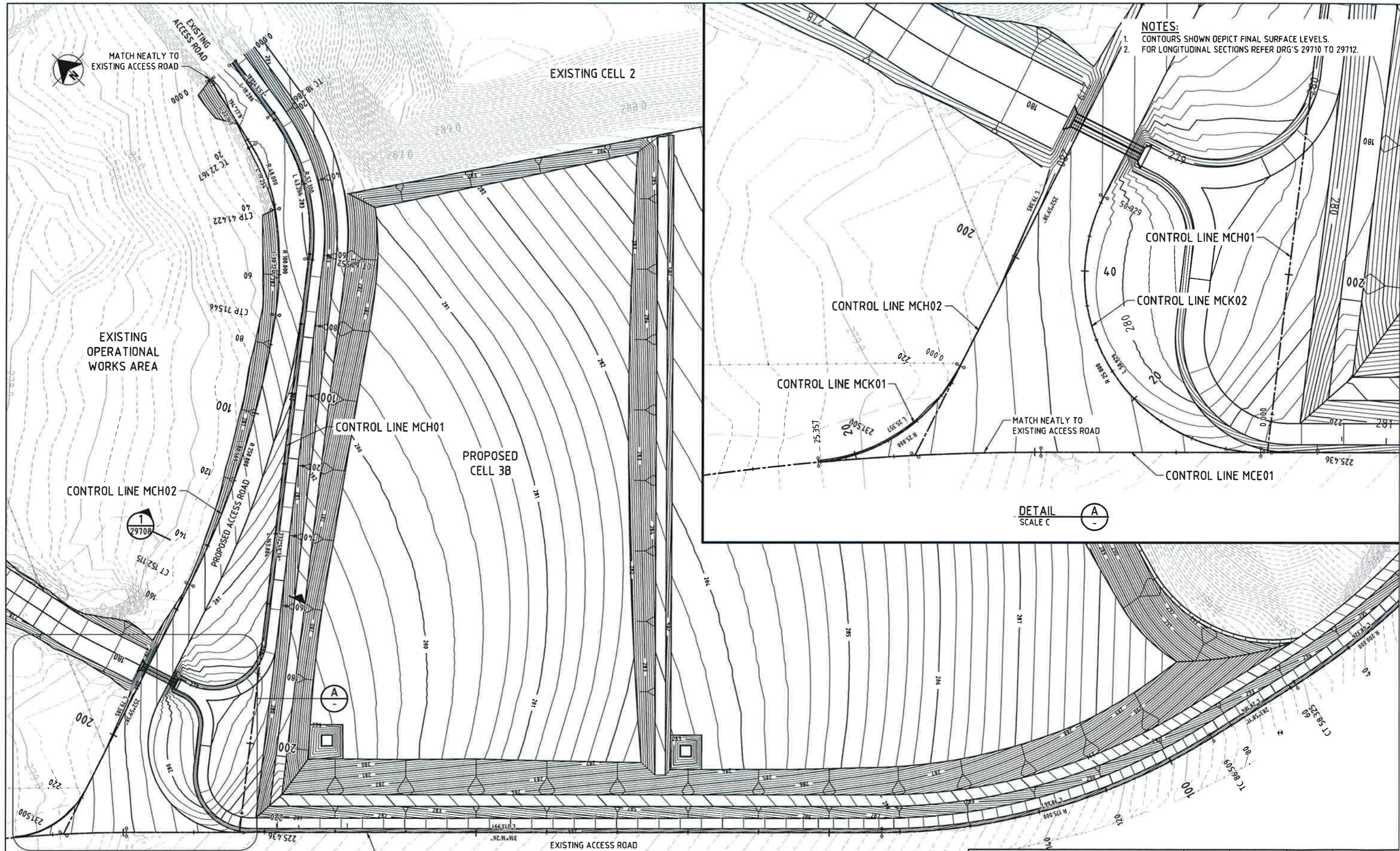
NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES	1:100 (A3) 1:50 (A1)
SURVEY FILE No.	244902		
LEVEL DATUM	A.H.D.		
MERIDIAN	MGA 55		
FILE NAME	60321639-A1-29706		

DRAWN	SIGNED	DATE	
DESIGNED	SIGNED	DATE	
CHECKED	SIGNED	DATE	
MANAGER WASTE SERVICES		DATE	21/7/15
JASON GRANDCOURT		DATE	

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
JASON DEVITT RPEQ 7508  
DATE 21/7/15





**NOTES:**  
 1. CONTOURS SHOWN DEPICT FINAL SURFACE LEVELS.  
 2. FOR LONGITUDINAL SECTIONS REFER DRG'S 29710 TO 29712.

**DETAIL A**  
 SCALE C

**PLAN**  
 SCALE B

**FOR CONSTRUCTION**

**AECOM**

DESIGNED	A.T.	CHECKED	R.C.
DRAWN	M.T.	CHECKED	R.S.
APPROVED	<i>[Signature]</i>		
DATE	23.06.15	RPEQ	07185
AECOM NUMBER	60321639-A1-29707		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.08.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES
SURVEY FILE No	244902	SCALE B 1:1000 (A3) 1:500 (A1)
LEVEL DATUM	A.H.D.	SCALE C 1:500 (A3) 1:250 (A1)
MERIDIAN	MGA 55	
FILE NAME	60321639-A1-29707	

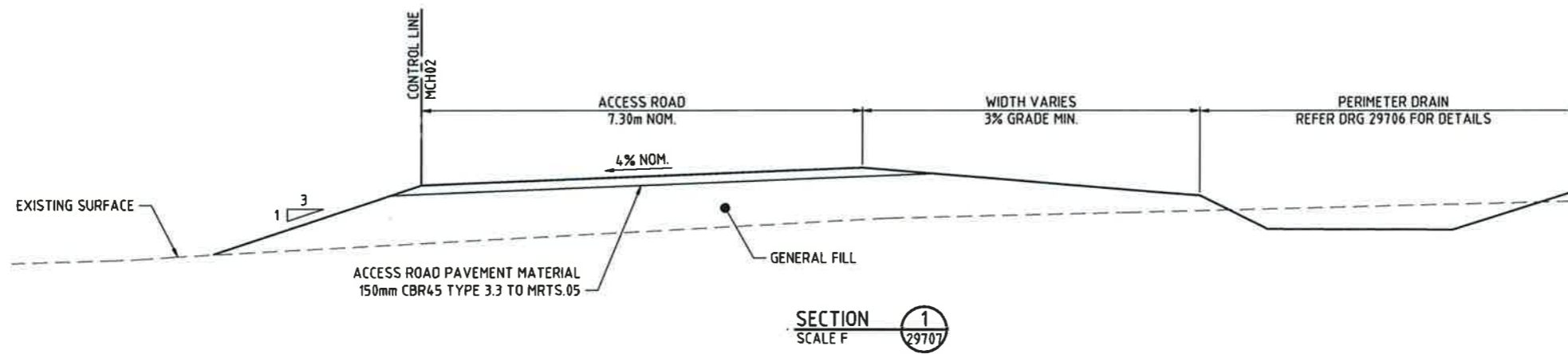
DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES	<i>[Signature]</i>	16/7/15
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
 JASON DEVIIT RPEQ 7508  
 DATE 21/7/15

**HOGAN'S POCKET LANDFILL**  
**CELL 3 - DESIGN**  
**ACCESS ROAD LAYOUT PLAN**

SHEET 16 OF 29  
 WORKS JOB No.  
 DRAWING No. A1-29707  
 AMEND. D





FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.08.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	
AMENDMENTS AND REVISIONS				

SURVEY MRC MERGED	SCALES
SURVEY FILE No 244902	SCALE F 1:100 (A3) 1:50 (A1)
LEVEL DATUM A.H.D.	
MERIDIAN MGA 55	
FILE NAME 60321639-A1-29708	

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES JASON GRANDCOURT		16/7/15

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7506

DATE 21/7/15

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 28 893 866 925</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	<i>gh</i>		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29708		

**HOGAN'S POCKET LANDFILL**  
CELL 3 - DESIGN  
ACCESS ROAD DETAILS

SHEET 17 OF 29  
WORKS JOB No.  
DRAWING No. A1-29708  
AMEND. D

**SAFETY IN DESIGN RISK ASSESSMENT**

No	Hazard Description (What If) OPERATION	Before Mitigation					After Mitigation					
		Probability	Exposure	Consequence/Outcome	Score	Risk Level	Mitigation	Probability	Exposure	Consequence/Outcome	Score	Risk Level
1	Worker is stuck by plant	Has Happened	5 Daily	5 Major/Fatality	9	19 Extreme	Vehicle management plan / site procedures / inductions / PPE	Heard Of	3 Daily	5 Major/Fatality	9	17 Extreme
2	Vehicle accident	Has Happened	5 Daily	5 Major/Fatality	9	19 Extreme	Vehicle management plan / site procedures / inductions / PPE	Heard Of	3 Daily	5 Major/Fatality	9	17 Extreme
3	Overturn of equipment moving on batter slopes	Has Happened	5 Daily	5 Significant/Disability	7	17 Extreme	Staff training/procedures / construct access over lining and don't traffic down the slope	Heard Of	3 Daily	5 Significant/Disability	7	15 High
4	Sun / heat exposure	Almost Certain	6 Daily	5 Serious/Serious (LTI)	5	16 High	Inductions / site procedures / site offices & facilities / PPE	Possible	4 Daily	5 Moderate/Medical Treatment	3	12 Medium
5	Landfill gas - active landfill - Emission of LFG and accumulation of asphyxiate or explosive atmospheres in work areas	Almost Certain	6 Daily	5 Significant/Disability	7	18 Extreme	Operator Health and Safety Plan / PPE including personal gas detectors / No Smoking / naked flames signage onsite	Heard Of	3 Daily	5 Significant/Disability	7	15 High
6	Incident that requires first aid	Has Happened	5 Weekly	4 Minor/First Aid	1	10 Medium	First aid kit in site office / staff training / procedures	Possible	4 Quarterly	2 Minor/First Aid	1	7 Low
7	Exposure to hazardous liquid	Heard Of	3 Daily	5 Moderate/Medical Treatment	3	11 Medium	Operator Health and Safety Plan / staff training / procedures / PPE / Good onsite management and hygiene	Unlikely	2 Weekly	4 Moderate/Medical Treatment	3	9 Low
8	Exposure to biological/pathogenic wastes	Heard Of	3 Daily	5 Serious/Serious (LTI)	5	13 High	Operator Health and Safety Plan / staff training / procedures / PPE including steel mid sole boots and personal gas detectors	Unlikely	2 Weekly	4 Serious/Serious (LTI)	5	11 Medium
9	Exposure to asbestos (inhalation of asbestos dust)	Has Happened	5 Weekly	4 Significant/Disability	7	16 High	Any suspected asbestos will be treated as such and disposed of at the site by the landfill contractor. The landfill contractor will ensure they dispose of asbestos in accordance with their site management procedures. Adherence to legislation and standards / Contractor Health and Safety Plan / staff training / procedures / PPE	Unlikely	2 Weekly	4 Significant/Disability	7	13 High
10	Noise (workers)	Almost Certain	6 Daily	5 Moderate/Medical Treatment	3	14 High	Plant maintenance / procedures / PPE	Heard Of	3 Daily	5 Minor/First Aid	1	8 Low
11	Slope failure	Has Happened	5 Weekly	4 Major/Fatality	9	18 Extreme	Operator Health and Safety plan / Contractor selection of appropriate plant / regular site inspections	Possible	4 Weekly	4 Major/Fatality	9	17 Extreme
12	Snow blindness from geotextile if white	Heard Of	3 Monthly	3 Serious/Serious (LTI)	5	11 Medium	Operator Health and Safety Plan / PPE / coverage with soil at appropriate time	Unlikely	2 Monthly	3 Moderate/Medical Treatment	3	8 Low

**SAFETY IN DESIGN RISK SCORES**

Consequence		Catastrophic / Multiple Fatalities	Major / Fatality	Significant / Disability	Serious / Serious (LTI)	Moderate / Medical Treatment	Minor / First Aid
Likelihood	Score	11	9	7	5	3	1
Almost Certain	6	17	15	13	11	9	7
Has Happened	5	16	14	12	10	8	6
Possible	4	15	13	11	9	7	5
Heard Of	3	14	12	10	8	6	4
Unlikely	2	13	11	9	7	5	3
Almost Impossible	1	12	10	8	6	4	2

**NOTES:**

1. THE SAFETY IN DESIGN RISK ASSESSMENT WAS CARRIED OUT TO INFORM COUNCIL AND THE CONSTRUCTION CONTRACTOR OF KEY SAFETY RISKS THAT MAY ARISE DURING CONSTRUCTION OF THE WORKS AND REQUIRED MITIGATION OF SAFETY RISKS DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF SAFETY RISKS DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF STATUTORY REQUIREMENTS, WHICH SHALL NOT BE LIMITED TO THE SAFETY RISKS OUTLINED HEREIN.

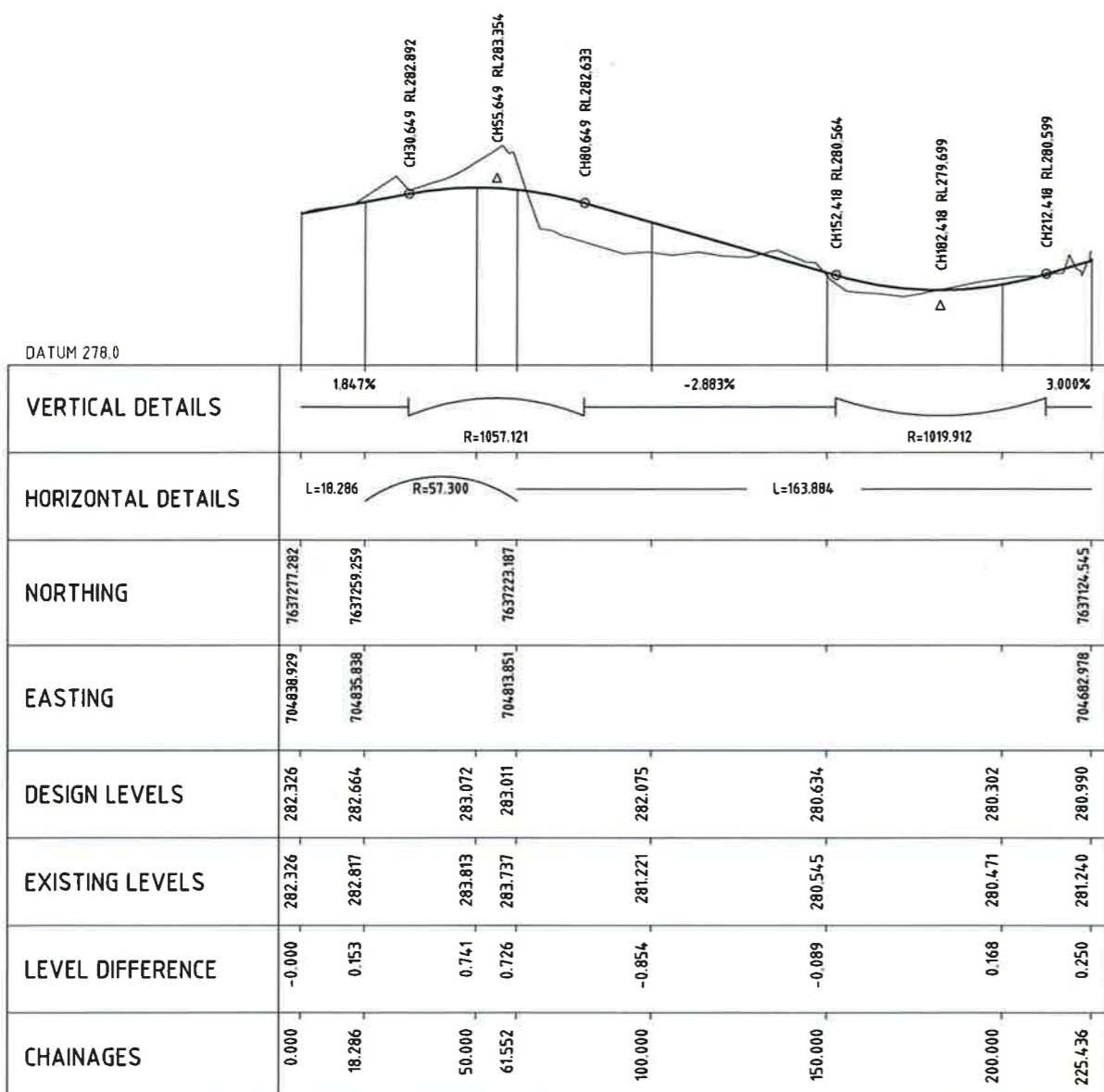
				DESIGNED	A.T.	CHECKED	R.C.		
				DRAWN	M.T.	CHECKED	R.S.		
AECOM Australia Pty Ltd. A.B.N. 70 993 856 925 THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000				APPROVED	OK				
				DATE	23.06.15	RPEQ	07185		
				AECOM NUMBER	60321639-A1-29709				
FOR CONSTRUCTION								SHEET 18 OF 29	
								WORKS JOB No.	
HOGAN'S POCKET LANDFILL CELL 3 - DESIGN SAFETY IN DESIGN				DRAWING No.		AMEND.			
				A1-29709		D			

NO.	DATE	DESCRIPTION	DRAWN	APPROVED	FILE NAME	60321639-A1-29709
D	23.06.15	FOR CONSTRUCTION	P.M.		SURVEY MRC MERGED	
C	04.06.15	FINAL REVIEW	P.M.		SURVEY FILE No 244902	
B	12.01.15	FOR TENDER	M.T.		LEVEL DATUM A.H.D.	
A	24.10.14	CLIENT ISSUE	M.T.		MERIDIAN MGA 55	
AMENDMENTS AND REVISIONS					MANAGER WASTE SERVICES	16/7/2015
					JASON GRANDCOURT	DATE

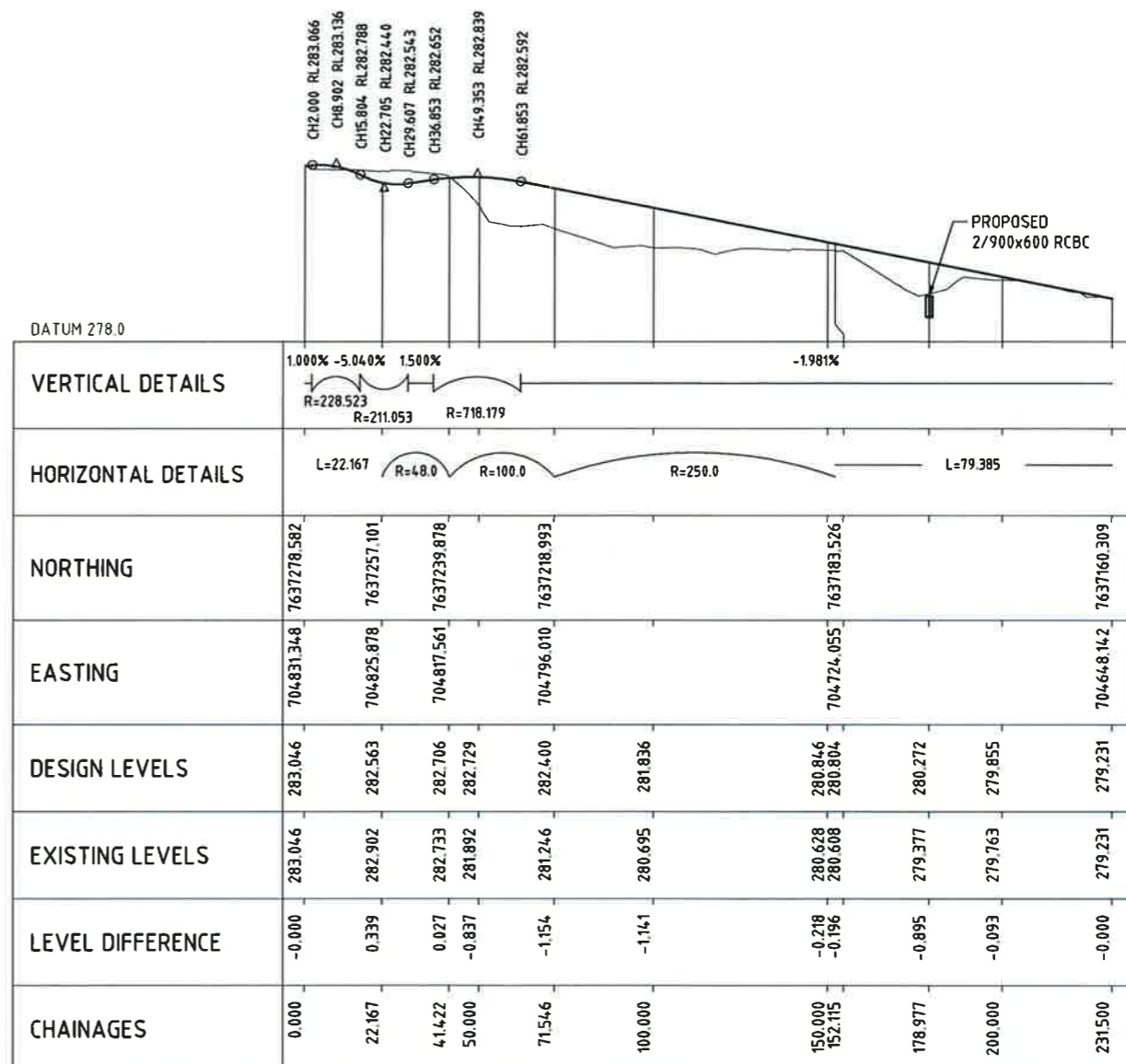
DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE	SIGNED	DATE
JASON DEVITT RPEQ 7508		21/7/15







CONTROL LINE MCH01



CONTROL LINE MCH02

FOR CONSTRUCTION

<p>AECOM Australia Pty Ltd. A.B.N. 28 993 846 975</p> <p>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</p>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	[Signature]		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29711		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED
SURVEY FILE No	244902
LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55
FILE NAME	60321639-A1-29711

DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES	[Signature]	16/7/15
JASON GRANDCOURT		DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

DATE 21/7/15

HOGAN'S POCKET LANDFILL

CELL 3 - DESIGN

LONGITUDINAL SECTIONS

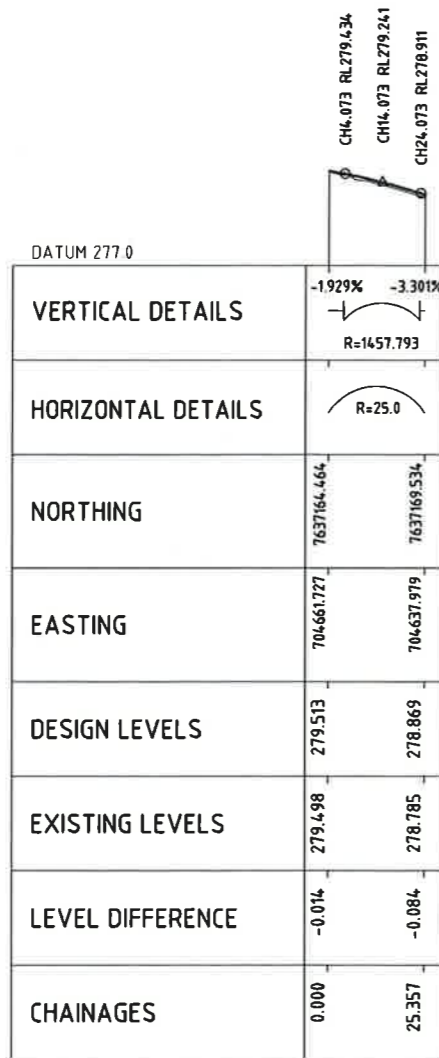
SHEET 2 OF 3

SHEET 20 OF 29

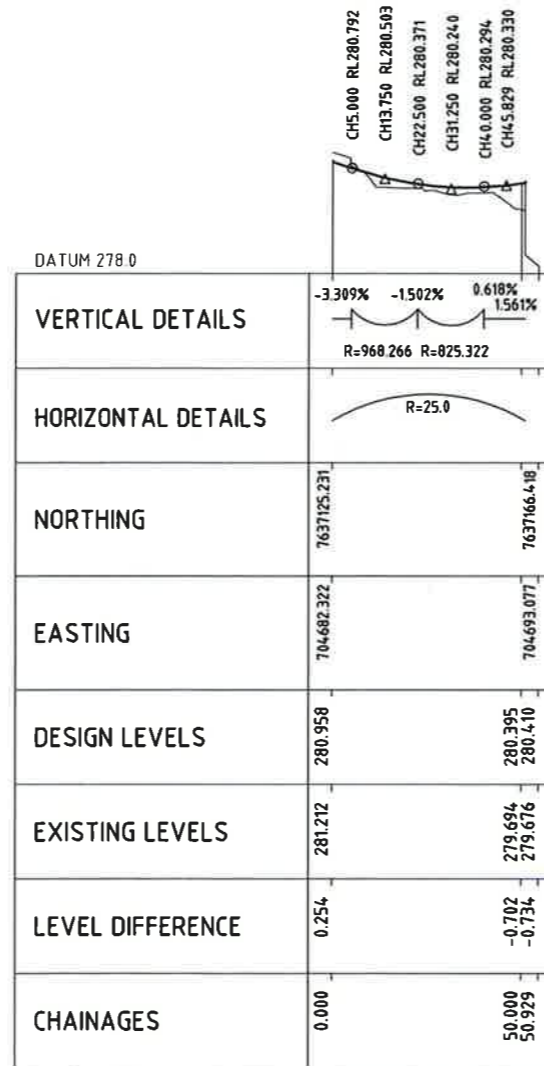
WORKS JOB No.

DRAWING No. A1-29711

AMEND. D



CONTROL LINE MCK01



CONTROL LINE MCK02

FOR CONSTRUCTION

<b>AECOM</b>				DESIGNED	A.T.	CHECKED	R.C.
<small>AECOM Australia Pty Ltd. A.B.N. 78 092 846 925</small>				DRAWN	M.T.	CHECKED	R.S.
<small>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</small>				APPROVED	<i>OK</i>		
				DATE	23.06.15	RPEQ	07185
				AECOM NUMBER	60321639-A1-29712		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.08.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED
SURVEY FILE No	244602
LEVEL DATUM	A.H.D.
MERIDIAN	MGA 55
FILE NAME	60321639-A1-29712

SCALES	1:2000 (A3) 1:1000 (A1)	
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VERTICAL	1:200 (A3) 1:100 (A1)	
DRAWN	SIGNED	DATE
DESIGNED	SIGNED	DATE
CHECKED	SIGNED	DATE
MANAGER WASTE SERVICES		
JASON GRANDCOURT		
DATE	16/7/15	DATE

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

DATE 21/7/15

HOGAN'S POCKET LANDFILL

CELL 3 - DESIGN

LONGITUDINAL SECTIONS

SHEET 3 OF 3

SHEET 21 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29712	D

CENTRELINE DATA  
X = 704879.970  
Y = 7636947.994  
Z = 291.586

DATUM 289.00

DESIGN LEVELS		291.586	291.036	291.036	292.125	292.224
EXISTING SURFACE		291.740	291.706	291.615	291.579	291.495
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 100.000

CENTRELINE DATA  
X = 704928.393  
Y = 7636935.591  
Z = 294.287

DATUM 292.00

DESIGN LEVELS		294.287	293.737	293.737	294.826	294.925
EXISTING SURFACE		294.377	294.377	294.377	294.499	294.908
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 50.000

CENTRELINE DATA  
X = 704978.118  
Y = 7636931.495  
Z = 296.841

DATUM 295.00

DESIGN LEVELS		296.841	296.291	296.291	297.380	
EXISTING SURFACE		296.841	296.965	297.329	297.789	
OFFSETS		0.000	1.100	4.100	7.400	

CHAINAGE 0.000

CENTRELINE DATA  
X = 704763.900  
Y = 7637039.942  
Z = 284.890

DATUM 282.00

DESIGN LEVELS		284.890	284.340	284.340	285.429	285.528
EXISTING SURFACE		284.781	284.723	284.969	284.851	283.801
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 250.000

CENTRELINE DATA  
X = 704798.460  
Y = 7637003.810  
Z = 286.692

DATUM 284.00

DESIGN LEVELS		286.692	286.142	286.142	287.231	287.330
EXISTING SURFACE		286.666	286.570	286.851	286.557	285.146
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 200.000

CENTRELINE DATA  
X = 704835.404  
Y = 7636970.284  
Z = 289.029

DATUM 286.00

DESIGN LEVELS		289.029	288.479	288.479	289.568	289.667
EXISTING SURFACE		289.024	289.111	289.110	288.187	287.276
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 150.000

CENTRELINE DATA  
X = 704694.779  
Y = 7637112.208  
Z = 281.558

DATUM 279.00

DESIGN LEVELS		281.558	281.008	281.008	282.097	282.196
EXISTING SURFACE		281.750	281.446	281.329	281.587	281.064
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 350.000

CENTRELINE DATA  
X = 704729.339  
Y = 7637076.075  
Z = 283.224


DATUM 281.00

DESIGN LEVELS		283.224	282.674	282.674	283.763	283.862
EXISTING SURFACE		283.264	282.989	283.264	282.991	282.520
OFFSETS		0.000	1.100	4.100	7.400	10.700

CHAINAGE 300.000

CONTROL LINE MCE01

FOR CONSTRUCTION

 <small>AECOM Australia Pty Ltd. A.B.N. 29 093 846 925</small> <small>THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	ajl		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29713		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES	1:200 (A3)	1:100 (A1)
SURVEY FILE No	244802	LEVEL DATUM	A.H.D.	
MERIDIAN	MGA 55			
FILE NAME	60321639-A1-29713			

DRAWN	SIGNED	DATE	
DESIGNED	SIGNED	DATE	
CHECKED	SIGNED	DATE	
MANAGER WASTE SERVICES		DATE	16/7/15
JASON GRANDCOURT		DATE	

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE

JASON DEVITT RPEQ 7508

DATE 23/7/15



HOGAN'S POCKET LANDFILL

CELL 3 - DESIGN

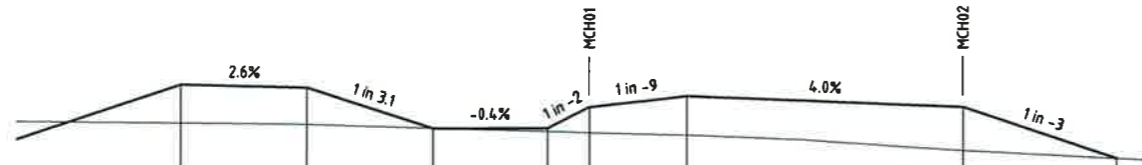
CROSS SECTIONS

SHEET 1 OF 2

SHEET 22 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29713	D



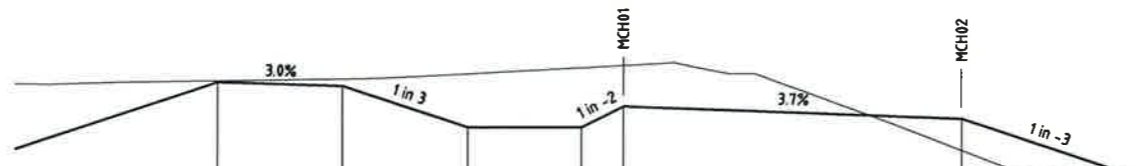
CENTRELINE DATA  
 X = 704771.948  
 Y = 7637203.834  
 Z = 281.836  
 DATUM 279.00



DESIGN LEVELS	282.438	282.352	281.277	281.289	281.843	282.128	281.836	280.484
EXISTING SURFACE	281.433	281.385	281.289	281.202	281.171	281.097	280.695	280.484
OFFSETS	-20.671	-17.338	-14.005	-10.976	-9.865	-7.300	0.000	4.055

CHAINAGE 100.000

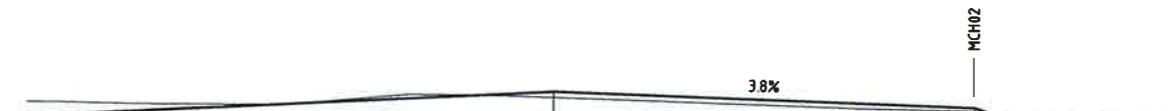
CENTRELINE DATA  
 X = 704812.080  
 Y = 7637233.282  
 Z = 282.729  
 DATUM 280.00



DESIGN LEVELS	283.701	283.602	282.512	282.511	283.060	282.729	281.239
EXISTING SURFACE	283.740	283.789	283.925	284.082	284.142	281.892	281.239
OFFSETS	-19.663	-16.355	-13.047	-10.039	-8.935	0.000	4.471

CHAINAGE 50.000

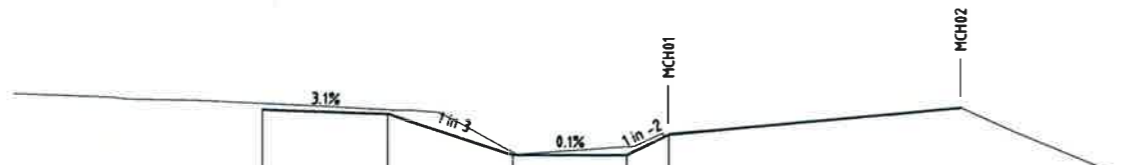
CENTRELINE DATA  
 X = 704678.264  
 Y = 7637169.521  
 Z = 279.855  
 DATUM 278.00



DESIGN LEVELS	280.281	279.855	279.752
EXISTING SURFACE	280.134	279.763	279.752
OFFSETS	-11.105	0.000	0.309

CHAINAGE 200.000

CENTRELINE DATA  
 X = 704831.348  
 Y = 7637278.582  
 Z = null  
 DATUM 280.00



DESIGN LEVELS	282.991	282.887	281.793	281.789	282.337
EXISTING SURFACE	283.163	282.990	281.866	282.014	282.351
OFFSETS	-18.450	-15.139	-11.829	-8.819	-7.716

CHAINAGE 0.000

CENTRELINE DATA  
 X = 704726.075  
 Y = 7637184.154  
 Z = 280.846  
 DATUM 278.00



DESIGN LEVELS	279.763	280.320	281.138	280.846	280.610
EXISTING SURFACE	280.074	280.050	280.601	280.628	280.610
OFFSETS	-24.149	-22.982	-7.300	0.000	0.706

CHAINAGE 150.000

CONTROL LINE MCH02

FOR CONSTRUCTION

<b>AECOM</b> <small>AECOM Australia Pty Ltd. A.B.N. 20 092 816 925</small> <small>THE SHOWING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE AECOM AUSTRALIA QUALITY ASSURANCE SYSTEM CERTIFIED TO AS/NZS ISO 9001:2000</small>	DESIGNED	A.T.	CHECKED	R.C.
	DRAWN	M.T.	CHECKED	R.S.
	APPROVED	<i>AK</i>		
	DATE	23.06.15	RPEQ	07185
AECOM NUMBER		60321639-A1-29714		

NO.	DATE	DESCRIPTION	DRAWN	APPROVED
D	23.06.15	FOR CONSTRUCTION	P.M.	
C	04.08.15	FINAL REVIEW	P.M.	
B	12.01.15	FOR TENDER	M.T.	
A	24.10.14	CLIENT ISSUE	M.T.	

SURVEY	MRC MERGED	SCALES	1:200 (A3)	1:100 (A1)
SURVEY FILE No	244902	LEVEL DATUM	A.H.D.	MERIDIAN
FILE NAME	60321639-A1-29714	MGA 55		

DRAWN	SIGNED	DATE	21/7/15
DESIGNED	SIGNED	DATE	
CHECKED	SIGNED	DATE	
MANAGER WASTE SERVICES		DATE	
JASON GRANDCOURT		DATE	

DIRECTOR ENGINEERING AND COMMERCIAL INFRASTRUCTURE  
 JASON DEVITT RPEQ 7508  
 DATE 21/7/15

HOGAN'S POCKET LANDFILL  
 CELL 3 - DESIGN  
 CROSS SECTIONS  
 SHEET 2 OF 2

SHEET 23 OF 29	
WORKS JOB No.	
DRAWING No.	AMEND.
A1-29714	D



## Execution

EXECUTED as an agreement.

Signed by  
Mackay Regional Council ABN 56 240 712 069 by  
its duly authorised officer on  
\_\_\_\_ / \_\_\_\_ / \_\_\_\_\_ in the presence of:

_____	▲	_____	▲	Signature of Authorised Officer
▲	Signature of witness	_____	▲	Full Name of Authorised Officer
_____	▲	_____	▲	Office Held
▲	Name of witness (print)			

Signed by  
[#insert] ABN [#insert] by its duly authorised  
officer on \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_ in the  
presence of:

_____	▲	_____	▲	Signature of Authorised Officer
▲	Signature of witness	_____	▲	Full Name of Authorised Officer
_____	▲	_____	▲	Office Held
▲	Name of witness (print)			