Southern Regional Office (Brisbane)
GPO Box 2771 BRISBANE QLD 4001
Phone: (07) 3225 1827 Fax: (07) 3247 3278
www.env.qld.gov.au ABN:87221158786

Queensland Government
Environmental Protection Agency
Queensland Parks and Wildlife Service

Notice of concurrence agency response

Sections 3.3.16 and 3.3.18 *Integrated Planning Act 1997*

sch4p4(6) Pe

This notice is issued by the administering authority pursuant to sections 3.3.16 and 3.3.18 of the *Integrated Planning Act 1997*, to advise you of a decision or action.

Enquiries to: Anne McCartin
Telephone: 3225 8425 E-mail: Anne.McCartin@env.qld.gov.au
Your reference: PN232469/01/DA(P1)
Our reference: 29652 Part 1 File No.:900965

CC: Energex Pty Ltd
GPO Box 11461
BRISBANE QLD 4001

Gold Coast City Council
PO Box 5042
GOLD COAST MC QLD 9729

Attention: Mr Rick Castle

Re: Application (No. PN232469/01/DA(P1)) for development approval for assessable development to be carried out at Old Coach Road, Gold Coast (Lot 11 on SP129405).

Pursuant to the following items of Schedule 2 of the *Integrated Planning Regulation 1998*, the Environmental Protection Agency is a concurrence agency for the development application:

☐ Item 3 of Schedule 2 of the *Integrated Planning Regulation 1998* (for Environmentally Relevant Activities)
☑ Item 4 of Schedule 2 of the *Integrated Planning Regulation 1998* (for contaminated land)

The Environmental Protection Agency (EPA), acting as a concurrence agency under the *Integrated Planning Act 1997*, provides its response to the application detailed above as attached.

It would be appreciated if Council could provide a signed hard copy of the final development approval issued by Council (which includes the Agency's concurrence conditions).

The EPA has not provided a notification to native title parties for this application. The State's Native Title Work Procedures indicate that responsibility for assessment of native title issues for an IDAS application rest with the Assessment Manager. It is recommended that you undertake an assessment using your own guidelines to determine if a native title notification is required for this application.

Should you require any further information please do not hesitate to contact the above officer on the telephone number or e-mail address provided .

sch4p4(6)

....
Signed Date

Greg O'Brien
Chief Scientific Advisor (Environmental Operations)
Delegate of Administering Authority, *Environmental Protection Act 1994.*

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Concurrence agency response
Sections 3.3.16 and 3.5.18 *Integrated Planning Act 1997*

Applicant:	Energex Pty Ltd
Council Application Number:	PN232469/01/DA(P1)
EPA Application Number:	29652 Part 1
Date application received by EPA:	16/01/2002
Relevant Laws and Policies:	*Environmental Protection Act 1994*
Jurisdiction:	Chapter 7, Part 8 *Environmental Protection Act 1994*

Released under DERM Disclosure Log
RTI Act 2009

Development Description:

Material Change of Use

where:

☐ the existing use of the land is, or if the land is vacant land with no existing use the most recent use of the land was, for a notifiable activity under the *Environmental Protection Act 1994*.

☐ the proposed use of the land is for child care, educational, recreational, residential or similar purposes and the existing use of the land is, or if the land is vacant land with no existing use the most recent use of the land was, for an industrial activity.

☑ the land is on the Environmental Management Register or Contaminated Land Register under the *Environmental Protection Act 1994*.

☐ the land is wholly or partly within an area for which an Area Management Advice for industrial activity or natural mineralisation has been issued and the proposed use of the land is for child care, educational, recreational, residential or similar purposes.

☐ the land is wholly or partly in an area for which an Area Management Advice for unexploded ordnance has been issued.

at the following place(s):

Old Coach Road, Nerang
(Lot 11 on SP129405)

Response to Development Application

The Environmental Protection Agency, acting as a concurrence agency under the *Integrated Planning Act 1997*, provides its response to the application detailed above.

The concurrence agency response is that

☐ conditions must attach to any development approval

☐ any approval must be for part only of the development

☐ any approval must be a preliminary approval only

☑ there are no concurrence agency requirements;

☐ the application must be refused

Release

Conditions of the development approval

The following concurrence agency condition(s) is/are to be attached to any development approval issued for this application:

Not applicable

Reasons for inclusion of development conditions or refusal

Not applicable

Additional comments or advice about the application

The removal of any contaminated soil from this site requires prior approval from the Environmental Protection Agency (EPA) (Contaminated Land Unit) under the *Environmental Protection Act 1994*.

Additional information for applicants

This concurrence response pursuant to Chapter 7, Part 8 of the *Environmental Protection Act 1994* applies only to contaminated land issues and does not remove the need to obtain any further approval for this development which may be required by this or other legislation, State and/or Commonwealth. Applicants are advised to check with all relevant statutory authorities for such approvals as may be required.

~ End Of Concurrence Agency Response ~

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IPA APPLICATION - Molendinar Landfill Site, Old Coach Road, Gold Coast (Lot 11 on SP126405)

Applicant: Energex Pty Ltd
App'n No: 29652
File No: 900965

On EMR for: Landfill

Any ERA's?: Yes but application notes "The installation and operation of a methane extraction system is an integral part of the Gold Coast City Council's Environmentally Relevant Activities under their EPA Licence No SR1346 for the operation of a Waste Disposal Facility". ****Check to see whether licensing needs to see this application****
Referral Coordination?: no

↳ J.T. checked. No they don't.

Proposal: Material Change of Use - public facility comprising a 770kW landfill gas extraction and power generation installation site.

Current & Ongoing Use: Landfill

Recommendation:
No conditions.
Advice:
The removal of any contaminated soil from this site requires prior approval from the Environmental Protection Agency (Contaminated Land Unit) under the *Environmental Protection Act 1994*.

sch4p4(6) Personal information

30.01.02

Published on DES Disclosure Log RTI Act 2009

16 January 2002

The Environmental Protection Agency
Contaminated Land Section
PO Box 155
Albert St Brisbane Qld 4000

Attention Louise Gilshenon / Darryl Byers

Dear Madam / Sir

Approval of Methane Extraction Operations at Molendinar Landfill Site

Please find enclosed a copy of the Gold Coast City Council's "Acknowledgment Notice to Applicant" in which we are required to forward to yourselves a full copy of our application.

Such application copy is also enclosed.

Yours sincerely

sch4p4(6) Personal information

Norm Belzer
Project Manager

copy: Gold Coast City Council
Mr Rick Castle

APPLICATION NUMBER: 29652 ~~[illegible]~~
FILE NUMBER: ~~900850~~ 900965
REFERRAL DATE: 16/1/2002
DATE INFO REQUEST DUE: 30/1/2002
DCS No.
OFFICER:

Published on DES Disclosure Log
RTI Act 2009

Enquiries
Norm Belzer
Telephone
(07) 3407 4959
Facsimile
(07) 3407 4964
Email
normbelzer
@energex.com.au

energy impact
Level 1
150 Edward Street
Brisbane Qld 4000
GPO Box 1461
Brisbane Qld 4001
Telephone (07) 3407 4966
Facsimile (07) 3407 4964
www.energex.com.au

ENERGEX Limited
ABN 40 078 849 055

Reference NB/cb:251/1601

Date 8th January 2002
Contact Mr Rick Castle
Location Statutory Planning Branch, Nerang
Telephone (07) 55828 829
Your Reference
Our Reference PN 232469/01/DA1(P1)

Gold Coast City Council

Address all correspondence to
Chief Executive Officer
PO Box 5042 Gold Coast MC QLD 9729 Australia
Email: www.goldcoast.qld.gov.au

Building Statutory Compliance
Building: Ph (07) 5582 8184 Fax (07) 5582 8802
or Fax (07) 5582 8838
Plumbing: Ph (07) 5582 8393 Fax (07) 5582 8870

Surfers Paradise Administration Centre
135 Bundall Rd Surfers Paradise

Nerang Administration Centre
Nerang Southport Rd Nerang

Energex Pty Ltd
GPO Box 11461
BRISBANE QLD 4001
Attention: Mr Greg Blake

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Dear Sir,

ACKNOWLEDGMENT NOTICE TO APPLICANT

Council acknowledges receipt of the Development Application lodged by:-

Energex Pty Ltd
GPO Box 11461
BRISBANE QLD 4001

in relation to development of land / premises described as:-

Old Coach Road
Lot 11 SP 126405

Landfill

The Development Application seeks approval for the following aspects of development:-

Development Permit making a material change of use for a public utility facility comprising of a 770 kW landfill gas extraction and power generation installation site.

10MW

You are advised that the Referral Agencies for this Development Application are:

1. The Department of Main Roads will be a Concurrency Agency for this application (Trigger A).

   District Director
   Department of Main Roads
   South Coast Hinterland District
   PO Box 442
   NERANG QLD 4211

Quality System
Quality Endorsed Company
ISO 9002 Lic. No. 10343
Standards Australia

2. The Environmental Protection Agency will be a Concurrency Agency for this application (Contamination Land).

   Environmental Protection Agency
   Contaminated Land Section
   PO Box 155
   Brisbane Albert Street
   BRISBANE QLD 4220

The applicant is required to give the abovementioned Referral Agencies:

a) A copy of the application; and
b) A copy of the acknowledgement notice; and
c) The agency's application fee prescribed (Note: not applicable for Department of Main Roads).

It is the applicants responsibility to provide Council written notification of the date the applicant gave the referral agency the information mentioned above.

Referral Co-ordination will not be required.

The development will require code assessment.

An Information Request will be made by Council as the Assessment Manager.

The Applicant will be advised of details of the Information Request by separate correspondence.

The Development Application is not a Development Application (superseded planning scheme) to carry out development under a superseded planning scheme.

Should you wish to clarify any issues contained in the above letter please do not hesitate to contact Mr Rick Castle on telephone number (07) 5582-8289.

Yours faithfully

sch4p4(6) Personal information

for Matthew Hulse
MANAGER BUILDING & STATUTORY COMPLIANCE

C:\WIN32\MSOFFICE\OFFICE\Ackwnolege notice, energex old coach rd.doc

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RTI Act 2009

20 December 2001

energy impact

Chief Executive Officer
Gold Coast City Council
Nerang Administration Centre
Nerang Southport Road
Nerang Qld

Dear Sir

Methane Extraction Operations at Molendinar Landfill Site
Your ref: Rick Castle – PN16893, PN152404, PN152405, PN9097, PN219663, PN232469, PN916771

Please find our Development Application for the above Gas Collection and Power Generation Plant installation.

The following documents are enclosed:

Part A: Formal Development Application
Part D: Formal Development Application

Four copies of Description of Proposed Installation
Four sets of 14 drawings comprising:

- Typical Landfill Gas Extraction and Power Generation Compound
- Survey drawing of landfill site showing position of equipment enclosure
- Contour and detail survey of plant enclosure area
- Site plan
- Civil works showing the positions of equipment inside the enclosure
- Nine drawings showing construction details of works

Please note: The installation and operation of a methane extraction system is an integral part of the Gold Coast City Council's Environmentally Relevant Activities under their EPA License No SR1346 for the operation of a Waste Disposal Facility.

Following is an extract of the relevant clauses:

(B14) If methane gas levels exceeding methane standards referred to in this environmental authority are detected, the holder of the environmental authority must:
(i) take all necessary steps to ensure protection of human health; and

Enquiries
Norm Belzer
Telephone
(07) 3407 4959
Facsimile
(07) 3407 4964
Email
normbelzer
@energex.com.au

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Level 1
150 Edward Street
Brisbane Qld 4000
GPO Box 1461
Brisbane Qld 4001
Telephone (07) 3407 4966
Facsimile (07) 3407 4964
www.energex.com.au

ENERGEX Limited
ABN 40 078 849 055

Reference NB/cb:245/2012

energex

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Release

(ii) install a collection system for landfill gas to effectively:
(a) minimise the likelihood of any subsurface migration of landfill gas from the landfill unit; and
(b) prevent or minimise any uncontrolled emission of landfill gas.

(B15) Landfill gas collected by any collection system must be released into the atmosphere or reused in a proper and efficient manner to prevent any adverse effect on people living in or using the surrounding area.

Yours sincerely

sch4p4(6) Personal information

Norm Belzer
Project Manager **energy**impact

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Form 1 Development Application

idas INTEGRATED DEVELOPMENT ASSESSMENT SYSTEM

PART A

Common details for all applications

The completion of all questions on Part A is mandatory for all applications. For further information refer to the guide for completing the application form available from the assessment manager or on the IPA website at www.ipa.qld.gov.au

1. Description of land

The description must identify all land subject of the application including land/easements over which access is to be obtained

The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice

If the plan is not registered by title, provide previous lot and plan details

Street address *(Include no., street, suburb / locality & postcode)*
Herbertson Dr. Molendinar, Gold Coast

Postcode 4214

Lot & plan details *(Attach list if necessary)*
Lot 1 Rp 161610 Sp 129405 Refer attached Site Plan No. EEL1000035-ssmdl-sp001-01

Shop / tenancy no. *(If applicable)* Storey / level *(If applicable)* Total area of land *(m^2 / ha)*
-

-

-

In which local government area is the land situated?
Gold Coast City.

2. Proposal

Provide details of the proposal *(eg. new house / apartment building etc, demolition / removal of a house, extension to existing shop, new carport etc).*

Details of the existing use of the land *(Attach proposal report if necessary)*
Land fill site

Details of the proposal *(Attach proposal report if necessary)*
Gas extraction and power generation fenced enclosure

3. Other parts of the form completed

Complete **all** other parts of the form applicable to your application.

What other parts of the form are attached *(E.g.* **Part B***: if the application involves assessment against the Building Act,* **Part D** *— if the application involves assessment against the planning scheme for material change of use,* **Part F** *— if the application involves reconfiguring a lot)*
Part D.

4. Applicant details

Clearly identify who is making the application. The applicant need not be the owner of the land.

In signing and lodging this application, the applicant is responsible for ensuring the information provided is true. The assessment manager, any referral agency and the Chief Executive (where applicable) will rely on this information when assessing the application.

If the applicant is a company, a contact person must be shown.

All correspondence will be mailed to this address

Name
Energex Ltd.

Signature

sch4p4(6) Personal information

Date
19/12/01

Contact person
Greg. Blake Ph. 3404 6513

Phone no.

Mobile no.
sch4p4(6) Pers

Fax no.
Fax. 3407 4964

Email address
Email. gregblake@energex.com.au

Postal address
GPO Box 11461 Q4001

Postcode 4001

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5. Consent of land owner/s Completion of this section provides the owner's consent to the lodgement of this application. If there are multiple owners, the consent of each owner is required. If the owner is a company refer to Guide 1 All owners of the land are required to consent to the lodgement of the application However, if one or more owners have already signed as applicant in Q4 above, their additional signature in Q5 is not required	Name *(In full) (Attach list if necessary)* Gold Coast City Council Signature/s *(Or if a company, the ACN plus signature/s or company seal & signatures)* Date Contact details *(Optional)*

OFFICE USE ONLY *(applicable to assessment manager, alternative assessment manager and private certifier)*

FEE $ RECEIVING OFFICER'S NAME/S

Notification of Engagement of Private Certifier *(Optional format for private certifiers)*

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Form 1 Development Application

idas INTEGRATED DEVELOPMENT ASSESSMENT SYSTEM

PART D

Complete if this application involves ***assessment against the***

Planning Scheme

For material change of use of premises

Completion of all questions on Part D of this form is *mandatory* for all applications for a material change of use of premises including conceptual design for any associated works that require approval under the planning scheme

Nature of the application

A development permit authorises development to occur, while a preliminary approval is a step in the approval process and does not authorise development to occur.

1. This application is for: *(Tick one or more if applicable)*

☐ **Preliminary approval** for a material change of use of premises including conceptual design for any associated works that require approval under the planning scheme *(ie consideration of the proposal concept)*

AND / OR

☒ **Development permit** for a material change of use of premises including conceptual design for any associated works that require approval under the planning scheme.

Referral triggers

This application may trigger referral to an IDAS referral agency. These questions help identify whether referral is required.
Referral coordination occurs - when an application involves 3 or more concurrence agencies; or under transitional arrangements.
Referral coordination is further explained in the Referrals Checklist.

2. Does the application trigger referral to an IDAS referral agency? *(Tick applicable box) (Use the Referrals Checklist to determine any possible referrals for this application).*

☒ NO ☐ YES ***If yes, attach Referrals Checklist***

3. Does the application trigger referral coordination? *(Tick applicable box) (Use the Referrals Checklist to determine if this application triggers referral coordination).*

☒ NO ☐ YES ***If yes, attach Referrals Checklist***

Details of the land

For the definition of "gross floor area" refer to the planning scheme against which the application will be assessed.

4. How is the subject land identified in the planning scheme? *(Name the zone, precinct etc.)*

MOLENDINAR LANDFILL SITE
LOT 11 ON SP129405
PARISH OF ALBERT. COUNTY OF WARD
SPECIAL PURPOSE ZONE & PART FUTURE URBAN

Mol

5. Existing gross floor area *(If applicable)*

N/A

6. Are there any existing easements on the land? *(Tick applicable box)*

☒ NO

☐ YES Attach plans of the location & purpose

REFER GAS COLLECTION AND POWER GENERATION ENCLOSURE SITE LOCATION.

Proposal details

For the definition of "site cover" refer to the planning scheme against which the application will be assessed

7. If the application is for preliminary approval for the use of the land, provide conceptual plans and other details / reports in support of the proposal.

Number of storeys / maximum height above natural ground
GROUND LEVEL INSTALLATION
EQUIPMENT ENCLOSURE AREA 478 m².

Number of employees N/A.

8. If the application is for development permit for a

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material change of use of premises, including conceptual design for any associated works that require approval under the planning scheme, provide the following particulars on this application form, or alternatively clearly indicate on plans or in documents accompanying this application.	Hours and days the use will operate 24/365
Site cover	
Proposed gross floor area	EQUIPMENT ENCLOSURE AREA 478 m^2
Number of on-site car parking spaces	N/A
Plans and documents	9. Is the application accompanied by: *(Tick applicable box/es)* ☒ Plans ☒ Proposal Report ☐ Other *(Specify)*

This application cannot be accepted by the assessment manager unless accompanied by Part A of the Development Application

OFFICE USE ONLY *(applicable to assessment manager)*

DATE RECEIVED

REFERENCE NUMBER/S

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GENERAL DESCRIPTION OF THE PROPOSED LANDFILL GAS EXTRACTION AND POWER GENERATION INSTALLATION

The project is a joint venture between the Gold Coast City Council and ENERGEX Limited to utilise the waste gas generated by decomposing waste. It is a requirement of the Gold Coast Council's EPA license to operate the waste facility that the waste gas is collected and burnt. The plant also generates environmentally friendly renewable electricity.

The proposal involves the construction of a 770 kW plant with backup flair facility on the landfill site at Harper St Molendinar.

Gas created in the cells of the landfill site by the biological breakdown of waste product is environmentally damaging, with unpleasant odours, noxious elements and global warming potential. However, by utilising the high energy content of the gas to fuel an engine and generate electricity not only is electricity supplied to the grid with emissions far below a conventional power station, but the local landfill gas emission problems are greatly reduced.

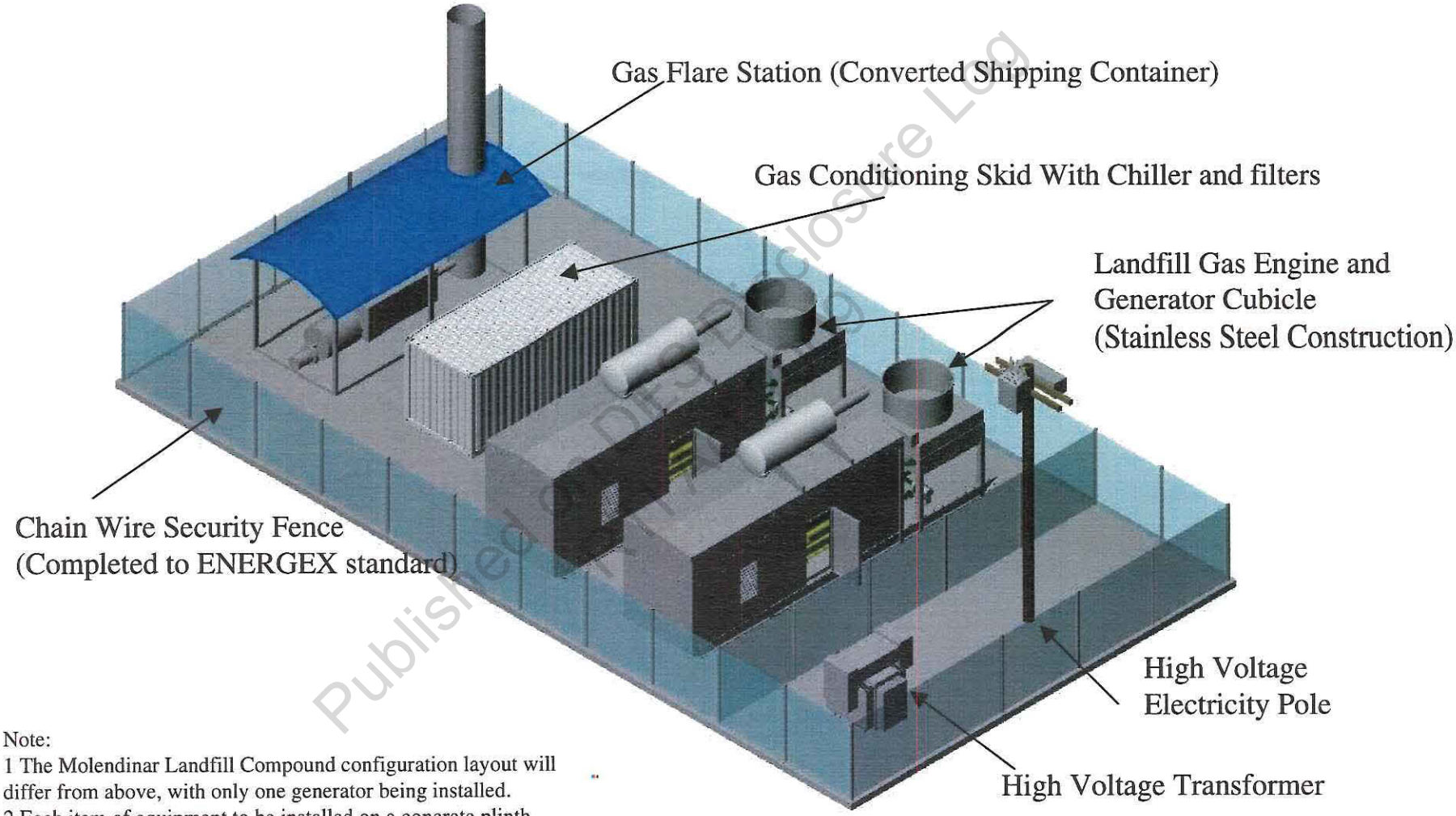
A landfill gas extraction system will be installed comprising a grid of vertical gas wells strategically situated across the completed landfill cells. A network of underground piping and manifolds will interconnect gas extraction wells and deliver the landfill gas to the power generation facility and flare station.

The landfill gas extraction and power generation facility will incorporate the following:

- gas pumping station to create a vacuum on the landfill gas network
- flare station to burn off the gas unused in the generation of electricity
- gas conditioning plant to reduce the impurities to the landfill gas engine
- gas pumping station to provide gas at a suitable pressure to the gas engine
- landfill gas engine and generator plant installed in a stainless steel canopy enclosure
- transformer and switching station to increase the voltage from the generator to high voltage, for connection to the local electricity supply grid for export of electricity.

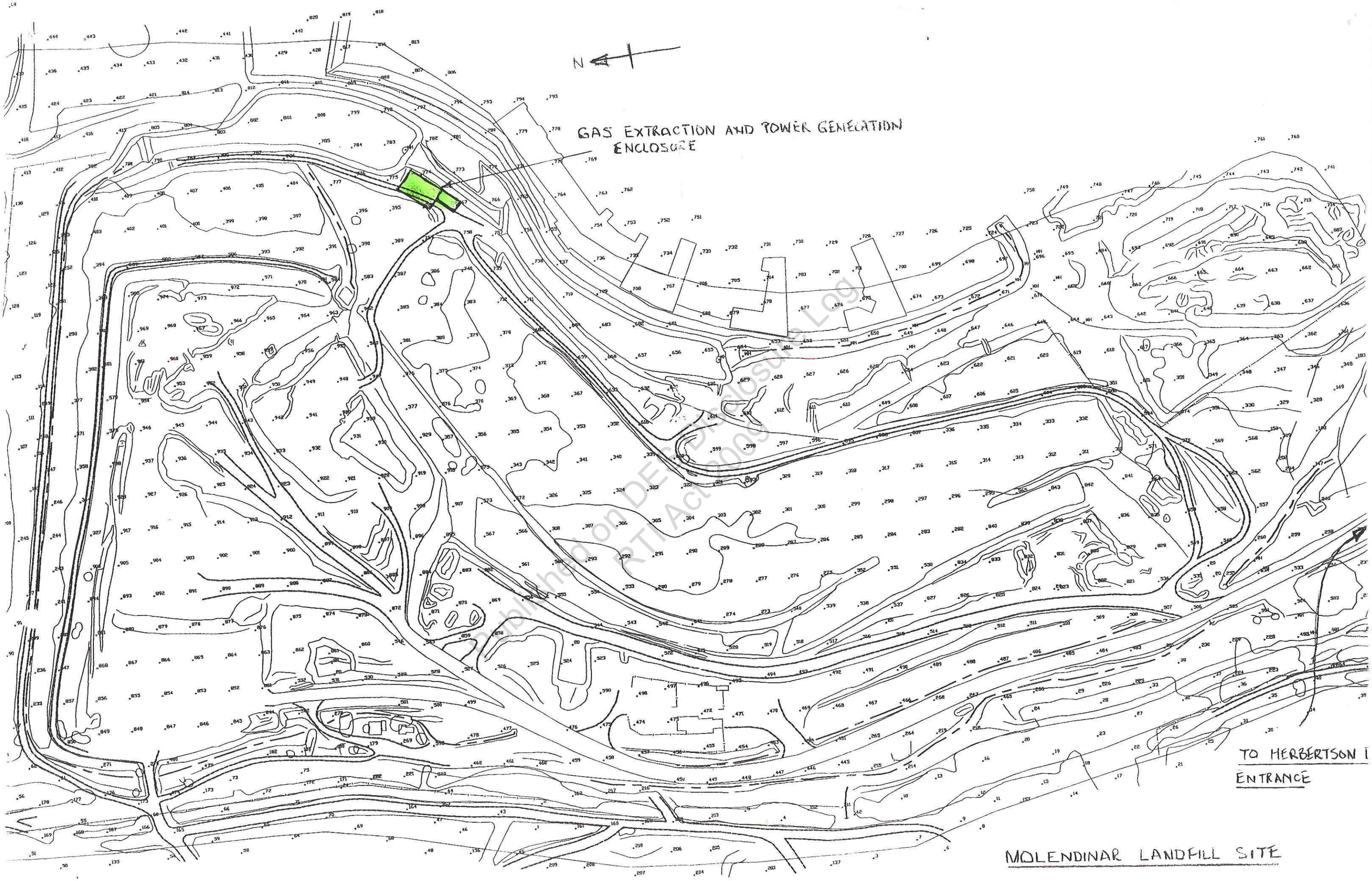
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Typical Landfill Gas Extraction & Power Generation Compound



Published on DIPD Disclosure Log

Note:
1 The Molendinar Landfill Compound configuration layout will differ from above, with only one generator being installed.
2 Each item of equipment to be installed on a concrete plinth.
3 Finished surface to be compressed gravel.



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DANGER

UNDERGROUND CABLES MAY EXIST

SEE NOTES BEFORE EXCAVATION

LOCATION OF SERVICES ARE APPROXIMATE ONLY.

PLEASE REFER TO NOTES.

ASSUMED CO-ORDINATE SYSTEM

MERIDIAN VIDE SP113689

ALL SYMBOLS ARE INDICATIVE ONLY

11

SP129405

14

SP113689

15

SP113689

1-2 & CP

SP133889

1-3 & CP

SP133902

SITE BM
SURVEY CONTROL
1068.545E
2033.786N
RL=27.44

DUMPY

RETENTION POND

DUMPY PEG

EARTH BANK

ROCK & EARTH BANK

EXISTING SEEPAGE TANK

NO RECORDS AVAILABLE OF LINES DIRECTION OR INVERT LEVELS

OVERLAND FLOW

SURVEY CONTROL
974.342E
1943.902N
DUMPY
RL=23.86

188°55'
24.61

27°01'25"
10.259

37°50'25"
48.206

60°54'25"
30.863

76°13'30"
34.877

NOTES:

1. WATER
No services exist on site or via DBYD records.

2. OPTUS
No Evidence of any Optus communications.

3. STORMWATER
Plotted from Gold Coast City Council records. No services exist on site or via DBYD records.

4. TELSTRA
No Telstra services exist on site or via DBYD records.

5. ELECTRICITY
Power Poles and Pits located where visible. Underground and overhead plotted via. Dial Before You Dig search supplied.

6. GAS
No gas services exist on site or via DBYD records.

7. SEWERAGE
Minimal Sewer Services are indicated within the subject site area. Manholes were located via. field survey and all lines were plotted via. Gold Coast City Council records.

8. PROPERTY BOUNDARIES
Property Boundaries shown are approximate only!
All property boundaries have been verified by survey marks at random locations , with the result being all property boundaries shown are accurate to +/- 100mm.

9. Invert levels and location of manhole chambers are approximate only!. Both are accurate to +/- 100mm.

DRAINAGE	
DBYD DRAINAGE	
HIGH PRESSURE GAS	
LOW & MEDIUM PRESSURE GAS	
DBYD GAS	
DBYD HIGH PRESSURE GAS	
O/H ELECTRICITY	
U/G ELECTRICITY	
DBYD ELECTRICITY	
SEWER	
DBYD SEWER	
O/H TELSTRA	
U/G TELSTRA	
DBYD TELSTRA	
O/H OPTUS	
U/G OPTUS	
DBYD OPTUS	
DBYD WATER	
WATER	
U/G OIL	
FENCELINES	
KERB	
EDGE OF BITUMEN	
ROUTE CENTRELINE	

Scale 1:250 – Lengths are in Metres.

A ORIGINAL ISSUE

VERTICAL DATUM
AHD
BASED ON
PSM 199208 RL 17.357 AHD

HORIZONTAL DATUM (SP113689)
ASSUMED CO-ORDINATES
ORIGIN DUMPY PEG
1000E
2000N
RL=27.777

DATE: 19/9/2001

PLAN NO. 8175-1

MICHEL GROUP SERVICES

Energex
© COPYRIGHT YOU ENERGEX
This drawing must not be reproduced in part or whole without written permission from ENERGEX

DATE	21/9/01
APPROVED	S.PRYOR
RECOMM'D	M.KENWRICK
CHECKED	CONTRACTOR
DRAWN	CONTRACTOR
ORIGIN	SURVEY

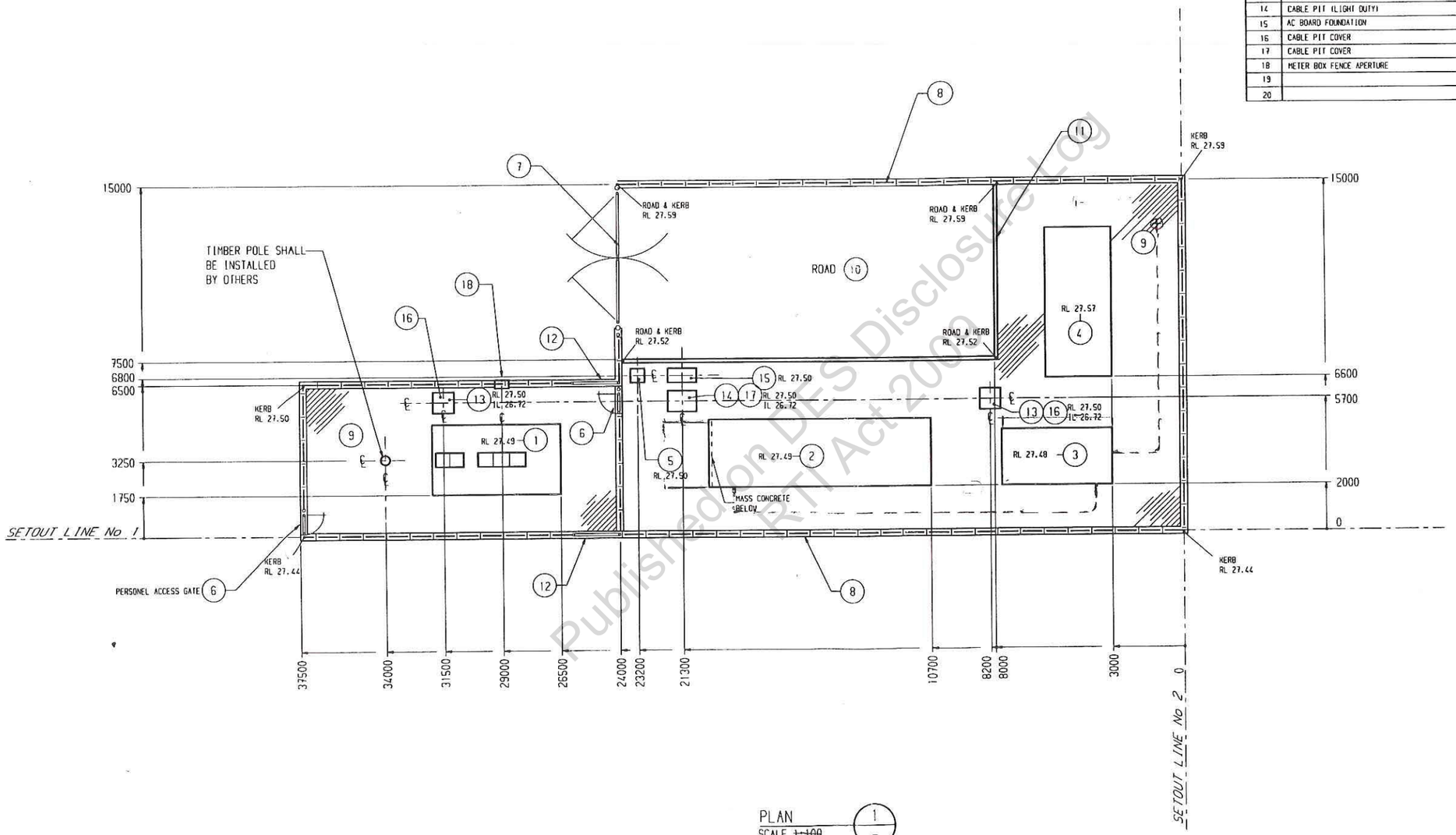
ENERGEX Limited
MLO MOLENDINAR LANDFILL SITE
Project EEL 1000035
Contour and Detail Survey
Gas Extraction & Power Generation

SCALE 1:250
15542 A1
SHEET 1 of 1
A

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CIVILWORK SCHEDULE

ITEM	DESCRIPTION	QTY	DRAWING REF	REMARKS
1	TRANSFORMER & METERING UNIT FOUNDATION	1	EEL1000035-SSMLD-CV002-01	
2	GENERATOR FOUNDATION	1	EEL1000035-SSMLD-CV002-02	
3	FUEL RAIL FOUNDATION	1	EEL1000035-SSMLD-CV002-03	
4	FLARE FOUNDATION	1	EEL1000035-SSMLD-CV002-03	
5	LIGHTING FOUNDATION	1	LOSTD-CV022-01	
6	PERSONNEL ACCESS GATE	2	LOSTD-CV019-02	
7	EQUIPMENT ACCESS GATE	1	LOSTD-CV019-02	X DIM = 6000
8	SECURITY FENCE AND MOWING STRIP	105m	LOSTD-CV019-01 & -03	
9	100 GRAVEL	AS REQ	SEE SPEC	
10	ROAD	AS REQ	SEE SPEC	
11	FLUSH KURB	24m	LOSTD-ST038-01	DTAIL A FLUSH KURB TYPE
12	ISOLATION PANNEL	2	LOSTD-CV019-04	X DIM = 2500
13	CABLE PIT (LIGHT DUTY)	2	LOSTD-CV029-02	X DIM = 600 Y DIM = 600 Z = 700
14	CABLE PIT (LIGHT DUTY)	1	LOSTD-CV029-02	X DIM = 900 Y DIM = 600 Z = 700
15	AC BOARD FOUNDATION	1	EEL1000035-SSMLD-CV002-03	
16	CABLE PIT COVER	2	LOSTD-ST007-02	X DIM = 670 Y DIM = 670
17	CABLE PIT COVER	1	LOSTD-ST007-02	X DIM = 670 Y DIM = 970
18	METER BOX FENCE APERTURE	1	LOSTD-CV019-03	SEE DETAIL K
19				
20				



PLAN (1)
SCALE ~~1:100~~ 1:200

NOTES

1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL R.L.'s AND I.L.'s IN METRES.
3. ALL R.L.'s ARE A.H.D. LEVELS REFERENCED TO P.S.M. 86249
4. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH THE FOLLOWING QUALITY ASSURANCE NOTES:
   DRQUAL-CV001-01 - CONCRETE, REINFORCING AND RELEVANT TOLERANCING
   DRQUAL-MD001-01 - FASTENERS, PROTECTIVE TYPE COATINGS & THREADS
   DRQUAL-MD001-01 - STEEL STRUCTURAL
   DRQUAL-ST001-01 - TOLERANCING - FABRICATION
   DRQUAL-MD001-02 - WELDING, FINISH AND THREADS
   DRQUAL-ST001-03 - PROTECTIVE COATINGS - HOT DIP GALVANISING
8. DENOTES GRAVEL SURFACING - SEE ITEM 9
   A LAYER OF GRAVEL AS SPECIFIED IN SPECIFICATION TO A DEPTH OF 100mm TO BE PLACED IN AREAS SHOWN. REFER SPECIFICATION.
9. FOUNDATIONS PROJECT MINIMUM 100 ABOVE FINISHED GROUND LEVEL. VARY 100-150.

DRAWING REFERENCE:

SHEDULE OF DRAWINGS (CIVIL) 12760-A3

APPROVED

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	S.BYRNES	K.PEARSE	S.PETTERSON	M.TIMONEY	08-11-01
1	S.BYRNES	K.PEARSE	S.PETTERSON	M.TIMONEY	08-11-01

ENERGEX Limited

MLD MOLENDINAR LANDFILL GAS GENERATION SITE
CIVIL WORKS
CIVILWORK DETAILS

SCALE : AS SHOWN | ORIGINATING DEPARTMENT: PROJECT SUPPORT | A1

EEL1000035-SSMLD-CV001-01

NEXT SHEET - | AMENDMENT 1

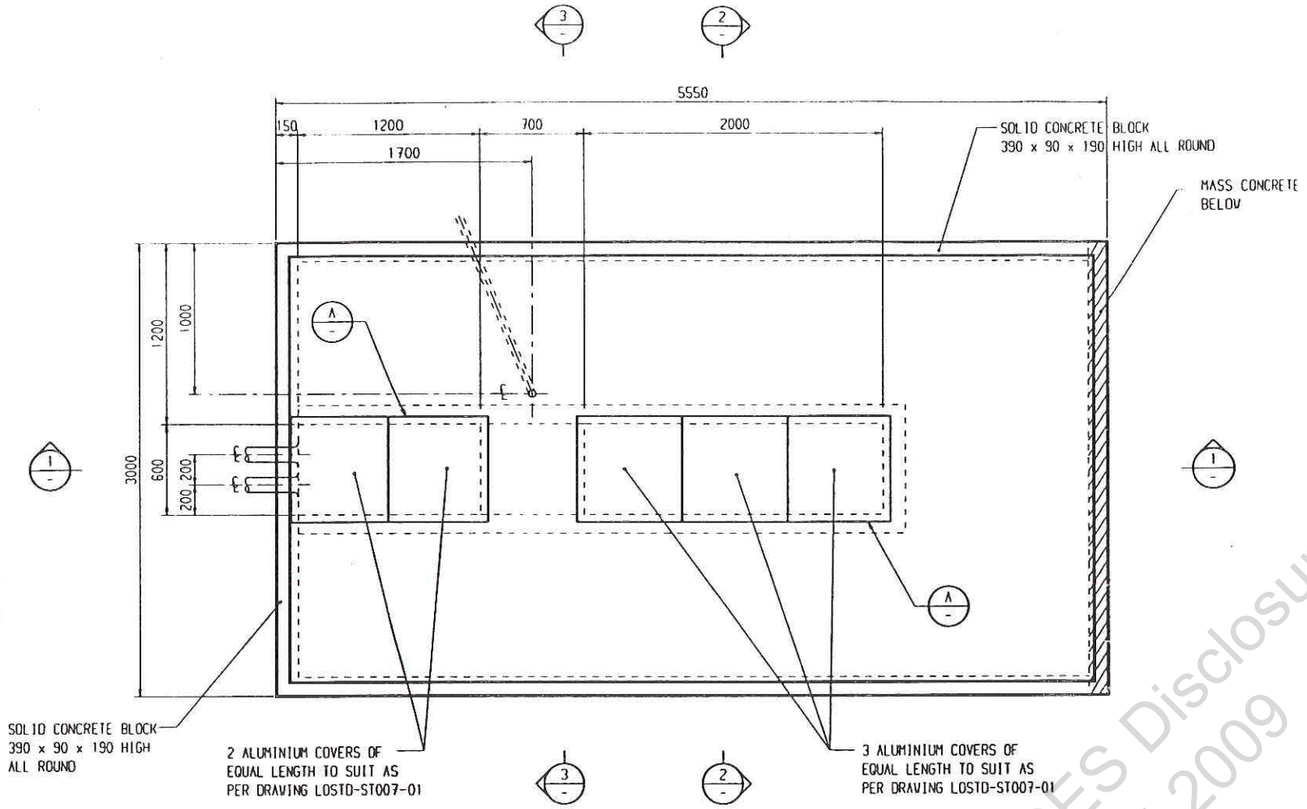
SCALE : 1:100

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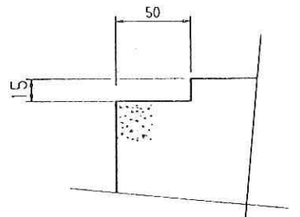
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PLAN 1 — TRANSFORMER & METERING UNIT FOUNDATION - ITEM 1
SCALE 1:20

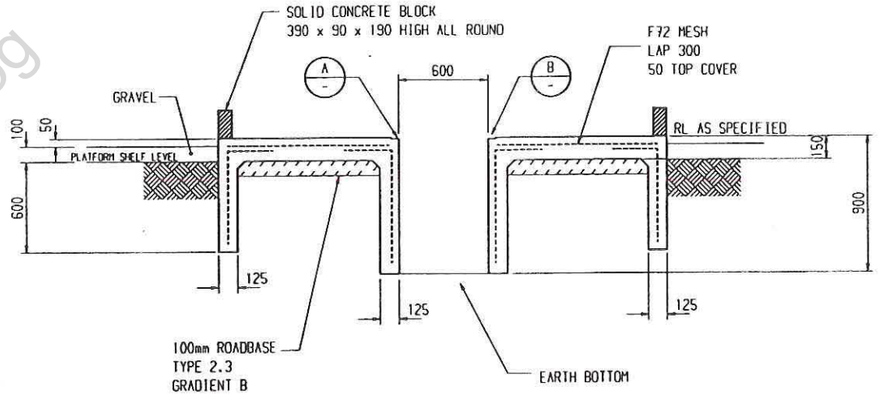
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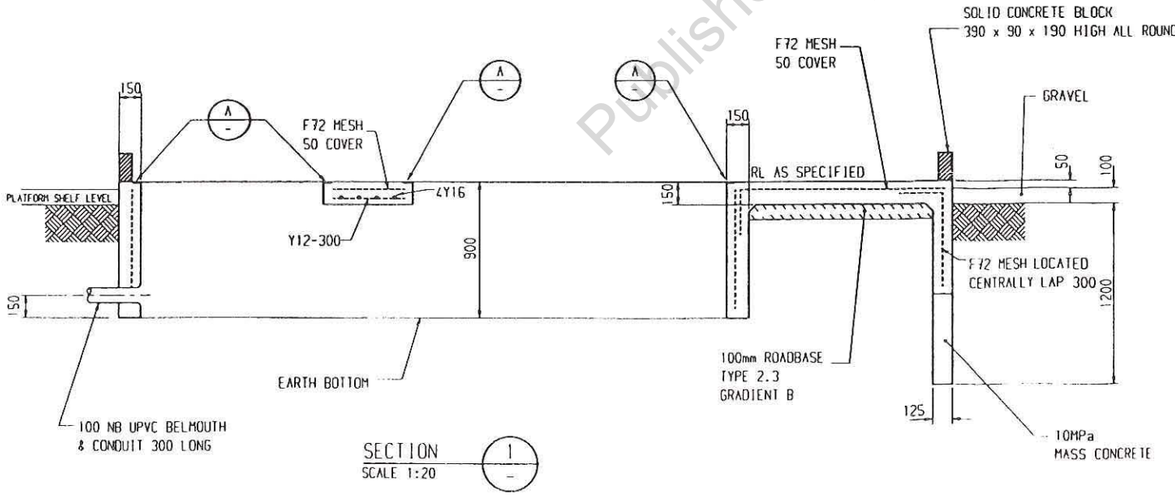
DETAIL A — REBATE ON EDGES ALL ROUND FOR COVERS
SCALE 1:2

NOTES:

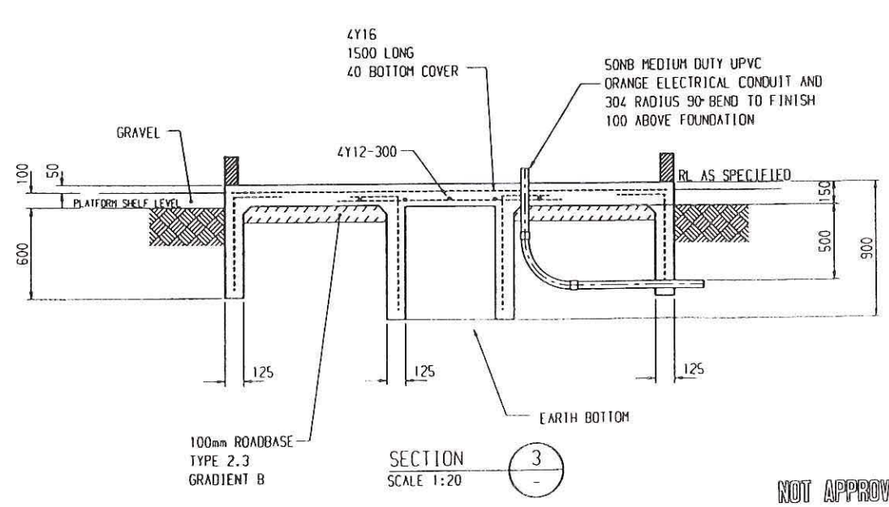
1. ALL DIMENSIONS IN MILLIMETRES.



SECTION 2
SCALE 1:20



SECTION 1
SCALE 1:20



SECTION 3
SCALE 1:20

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2 S.BYRNES		sch4p4(6) Personal		5.11.01
SUSPENDENDED SLAB WAS 600 WIDE.				SIGNATURES IN DCS

DRAWING REFERENCE:

SCHEDULE OF DRAWINGS (CIVIL).....12760-A3

ENERGEX Limited

MLD MOLENDINAR LANDFILL GAS GENERATION SITE
CIVIL WORKS
TRANSFORMER AND METERING UNIT FOUNDATION
CONSTRUCTION DETAILS

SCALE : AS SHOWN | ORIGINATING DEPARTMENT PROJECT SUPPORT | A1

EEL1000035-SSMLD-CV002-01

NEXT SHEET 02 | AMENDMENT 2

SCALE : 1:2 1:20

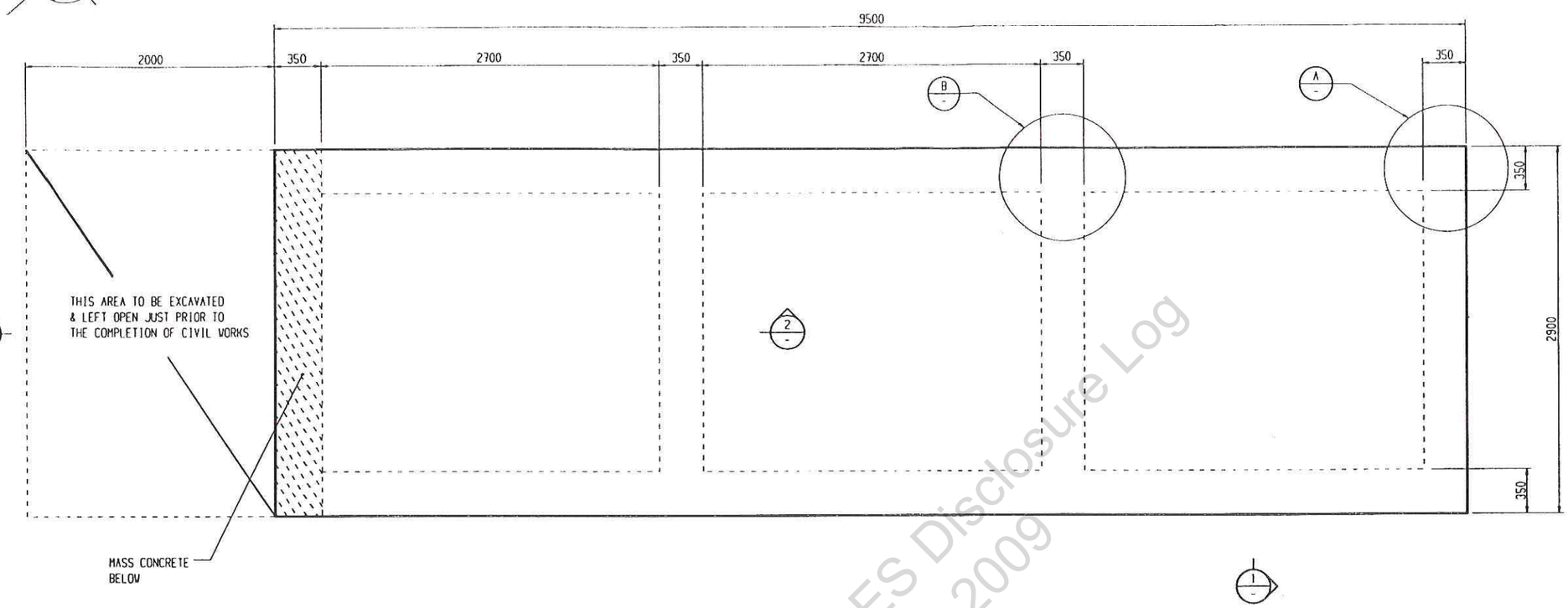
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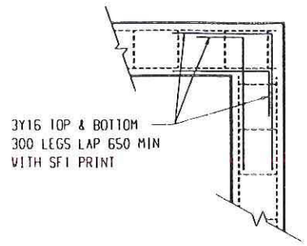
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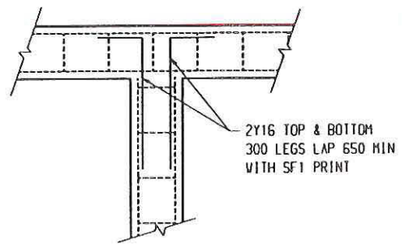


PLAN SCALE 1:20 — 1 — GENERATOR FOUNDATION - ITEM 2



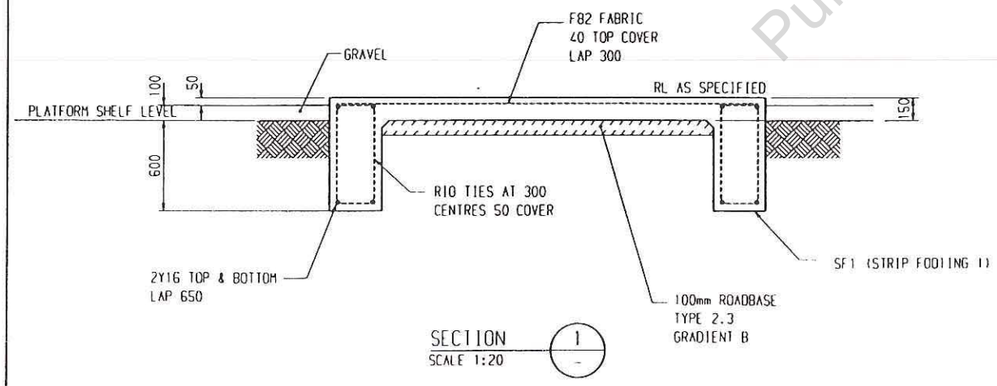
PLAN

DETAIL SCALE 1:20 — A

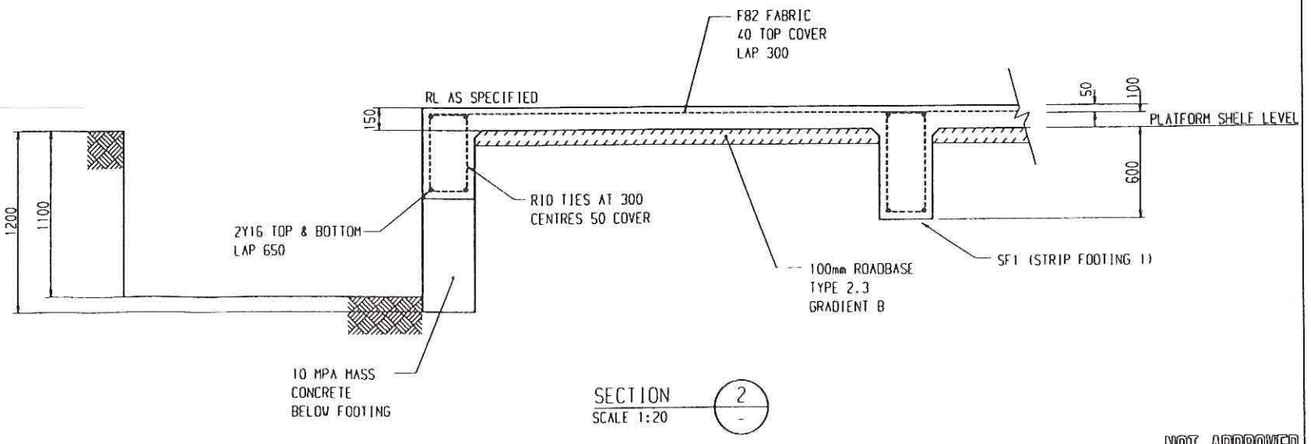


PLAN

DETAIL SCALE 1:20 — B



SECTION SCALE 1:20 — 1



SECTION SCALE 1:20 — 2

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2 S.BYRNES				30-11-01
ORIENTATION CHANGED.				SIGNATURES IN DCS

sch4p4(6) Personal

DRAWING REFERENCE:

SCHEDULE OF DRAWINGS (CIVIL).....12760 A3

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.

ENERGEX Limited

MLD MOLENDINAR LANDFILL GAS GENERATION SITE
CIVIL WORKS
GENERATOR FOUNDATION
CONSTRUCTION DETAILS

SCALE : AS SHOWN	ORIGINATING DEPARTMENT PROJECT SUPPORT	A1

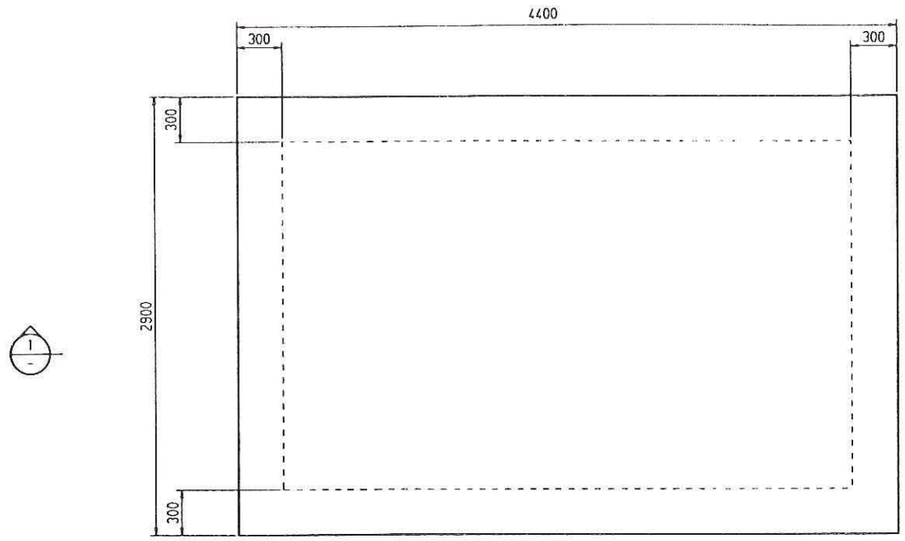
EEL1000035-SSMLD-CV002-02

NEXT SHEET 03 AMENDMENT 2

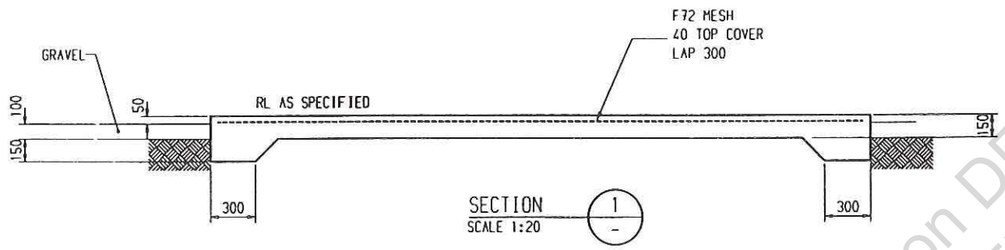
SCALE : 1:20 — 0 200 400 600 800 1000 2000

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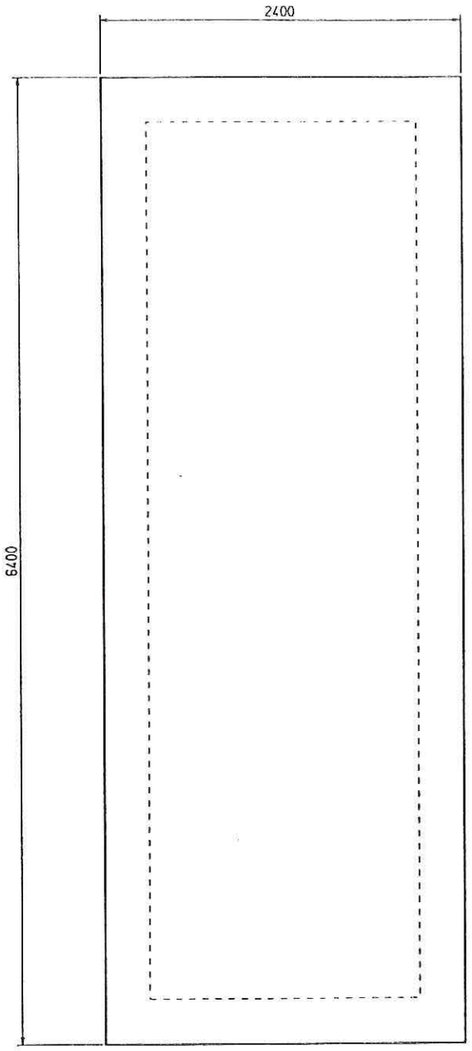
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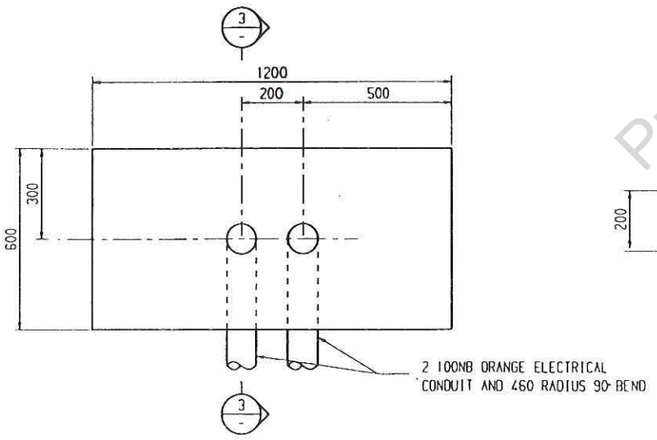
PLAN SCALE 1:20 — 1 — FUEL RAIL FOUNDATION - ITEM 3



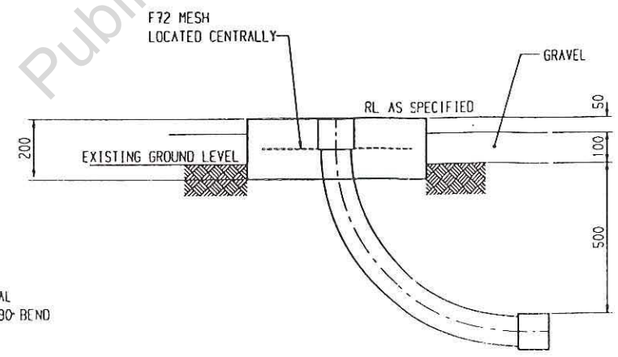
SECTION SCALE 1:20 — 1



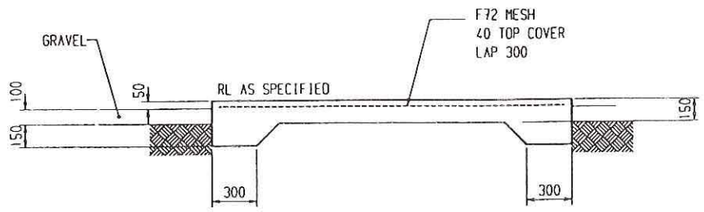
PLAN SCALE 1:20 — 2 — FLARE FOUNDATION - ITEM 4



PLAN SCALE 1:10 — 3 — AC BOARD FOUNDATION - ITEM 15



SECTION SCALE 1:10 — 3 — TYPICAL



SECTION SCALE 1:20 — 2

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2 S.BYRNES		sch4p4(6) Personal in		
FUEL RAIL FOUNDATION WAS 4700 X				SIGNATURES IN DCS

DRAWING REFERENCE:

SCHEDULE OF DRAWINGS (CIVIL).....12760-A3

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.

ENERGEX Limited

MLD MOLENDINAR LANDFILL GAS GENERATION SITE
CIVIL WORKS
FUEL RAIL, FLARE AND AC BOARD FOUNDATION
CONSTRUCTION DETAILS

SCALE : AS SHOWN	ORIGINATING DEPARTMENT PROJECT SUPPORT	A1

EEL1000035-SSMLD-CV002-03

NEXT SHEET - AMENDMENT 2

SCALE : 1:20

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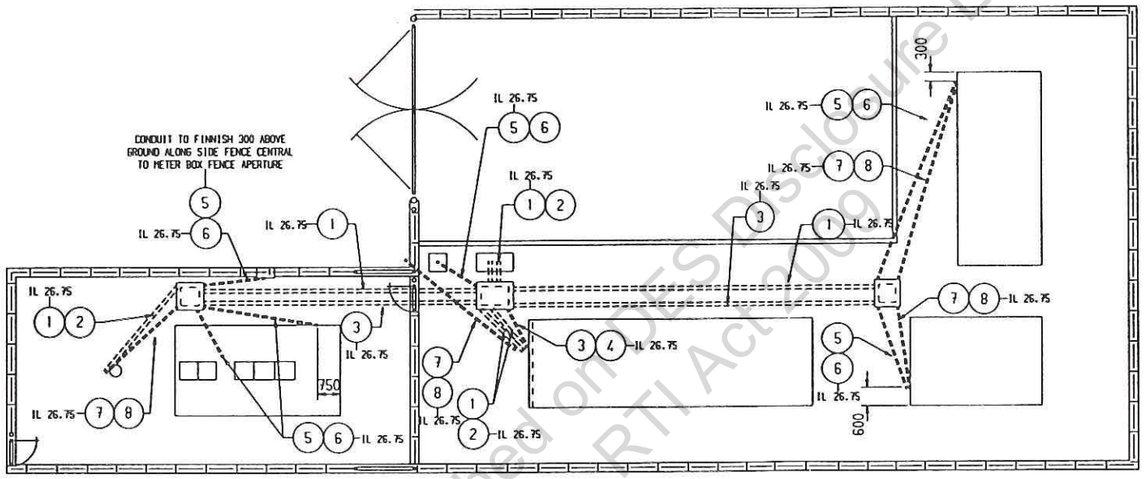
A0074027

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NORTH

CONDUIT SCHEDULE

ITEM	DESCRIPTION	QTY	REMARKS
1	100NB MEDIUM DUTY UPVC ORANGE ELECTRICAL CONDUIT	30m	
2	100NB MEDIUM DUTY UPVC ORANGE CONDUIT 90° BEND RAD 460	5	
3	100NB WHITE TELECOM CONDUIT	25m	
4	100NB WHITE TELECOM CONDUIT 90° BEND RAD 460	1	
5	50NB HEAVY DUTY UPVC ORANGE ELECTRICAL CONDUIT	25m	
6	50NB HEAVY DUTY UPVC ORANGE CONDUIT 90° BEND RAD 304	6	
7	50NB WHITE TELECOM CONDUIT	25m	
8	50NB WHITE TELECOM CONDUIT 90° BEND RAD 304	4	



PLAN 1
SCALE 1:100

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
   ALL RL's AND IL's IN METRES.
2. ELECTRICAL CONDUIT TO BE RIGID UPVC CONDUIT ORANGE MEDIUM DUTY TO AS 2053.
3. PROVIDE ø6 NYLON DRAW ROPES IN ALL CONDUITS, AND TEMPORARILY SEAL THE BURIED ENDS OF CONDUITS TO PREVENT THE INGRESS OF SOIL AND MOISTURE.
4. ALL CONDUIT ENTRIES TO CABLE PITS ARE TO BE BELL-MOUTHED 50mm RADIUS. ALL CONDUIT RISERS ARE TO FINISH FLUSH WITH TOP OF CONCRETE SURFACES UNLESS OTHERWISE NOTED.
5. CUT ENDS OF CONDUITS TO BE SMOOTHED OFF TO AVOID DAMAGING CABLES DURING INSTALLATION.
6. CONDUITS ARE TO BE INSTALLED GENERALLY IN ACCORDANCE WITH THE FOLLOWING DRAWINGS UNLESS NOTED OTHERWISE:
   LOSTD-CV016-01
   LOSTD-CV016-02
   LOSTD-CV016-03
   CONDUIT IL's INDICATE THE INVERT LEVEL OF THE BOTTOM LAYER OF CONDUITS.
7. ELECTRICAL AND COMMUNICATIONS CONDUITS TO MAINTAIN 100mm MINIMUM SEPARATION

DRAWING REFERENCE

SCHEDULE OF DRAWINGS (CIVIL).....12760-A3

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2	S.BYRNES		sch4p4(6) Persona		30-11-01
CONDUIT SIZES INCREASED					SIGNATURES IN DCS

ENERGEX Limited
MLD MOLENDINAR LANDFILL GAS GENERATION SITE
LAYOUT CIVIL
CONDUIT LAYOUT

SCALE : AS SHOWN
ORIGINATING DEPARTMENT PROJECT SUPPORT
A1
EEL1000035-SSMLD-CV003-01
NEXT SHEET -
AMENDMENT 2

SCALE : 1:100 0 1000 2000 4000 6000 8000 10 000

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CONNECTION DETAILS -CIVIL-				
SYMBOL	DESCRIPTION	QTY	DRG. REF.	REMARKS
A	EARTHING GRID CONDUCTOR CONNECTIONS	24	LOSTD-EG003-04	
B	19/2.14 GRID RISER - GRID	14	LOSTD-EG003-09	
C	FENCE RAIL CONNECTION POINT	11	LOSTD-EG003-07	
D	GATE POST CONNECTION POINT	1	LOSTD-EG003-08	

CONNECTION DETAILS -ELECTRICAL-				
SYMBOL	DESCRIPTION	QTY	DRG. REF.	REMARKS
E	EQUIPMENT EARTH	2	LOSTD-EG007-03	
F	POLE EQUIPMENT EARTH	1	EEL1000035-SSMLD-GA001-02	

LEGEND				
SYMBOL	I I No.	DESCRIPTION	QTY	REMARKS
	17321	EARTHROD. 13 DIA x 1800 LONG	14	2 RODS AT EACH LOCATION
	07053	19/2.14 Cu MAIN EARTH CONDUCTOR	100m	BARE, HARD DRAWN.
	08351	19/2.14 Cu CONDUCTOR TAIL	35m	ANNEALED PVC COVERED, GREEN/YELLOW
x?		SUFFICIENT CONDUCTOR TO BE LEFT NEATLY COILED FOR FUTURE CONNECTION AS DETAILED, eg. TO SURGE ARRESTORS AND/OR TRANSFORMER NEUTRAL BUSHING.	17m	

SETOUT LINE No 1

SETOUT LINE No 3

1000 2800 2400 3150 3000

500

2900 3600

1000 500 1000

x3m x8m x3m x3m

PLAN 1
SCALE 1:100

DRAWING REFERENCE:

SCHEDULE OF DRAWINGS (CIVIL).....12760-A3

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.

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OVERLAY AMENDMENT LEVEL REVISED.					SIGNATURES IN DCS

ENERGEX Limited

MLD MOLENDINAR LANDFILL GAS GENERATION SITE
LAYOUT CIVIL & ELECTRICAL
SWITCHYARD
EARTHING

SCALE : AS SHOWN

ORIGINATING DEPARTMENT PROJECT SUPPORT

A1

EEL1000035-SSMLD-EG001-01

NEXT SHEET -

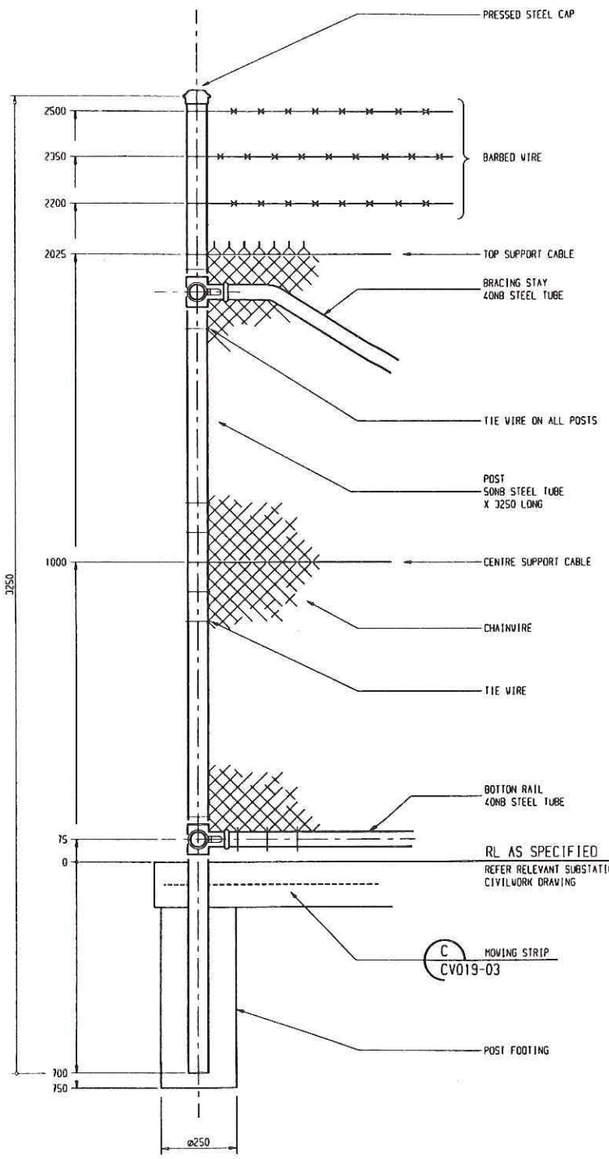
AMENDMENT 2

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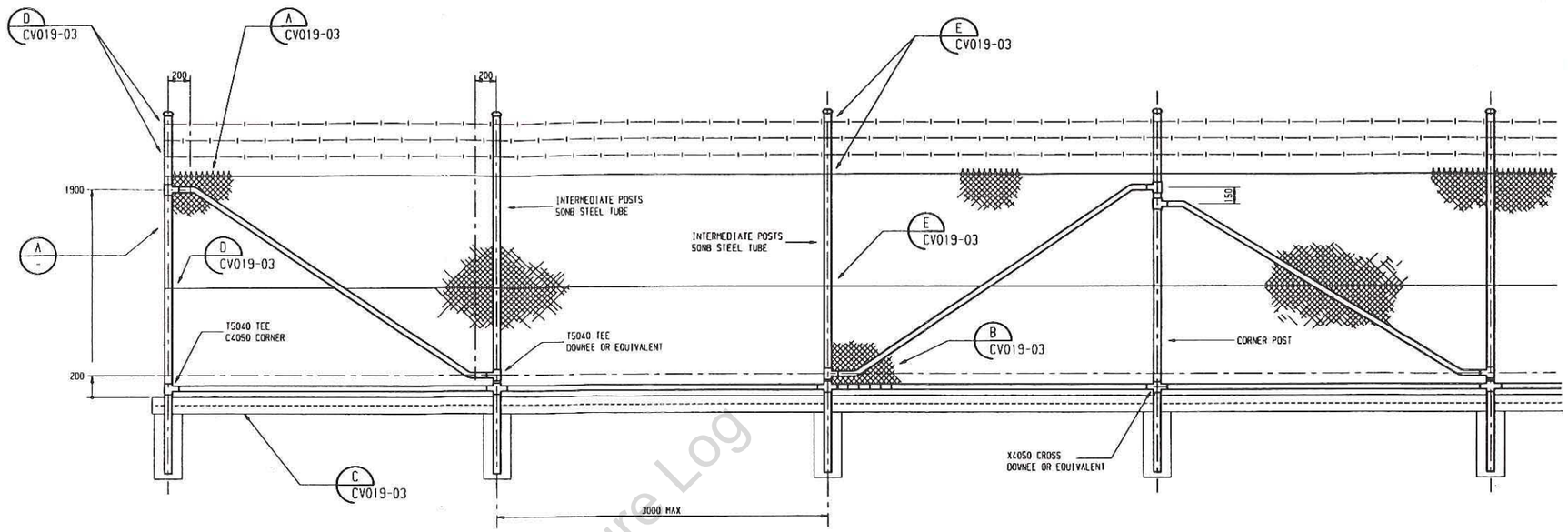
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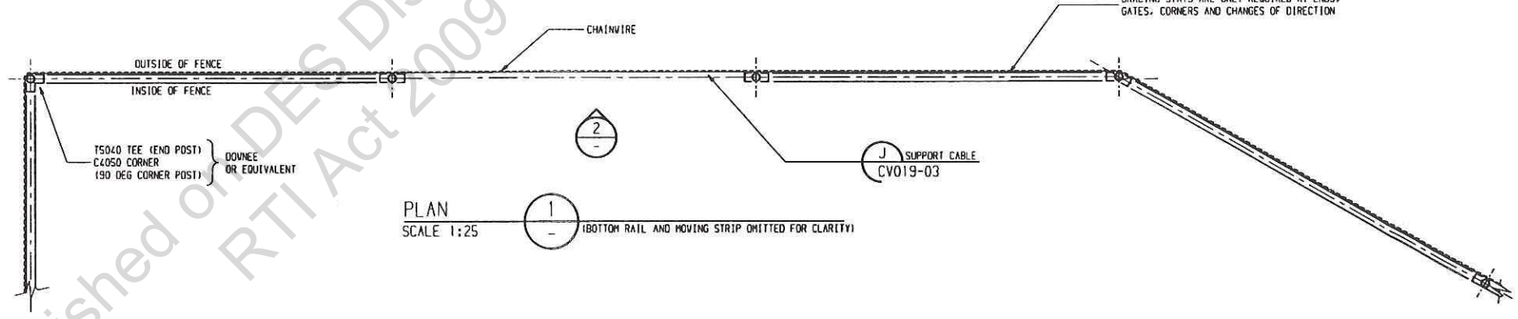
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DETAIL A – FENCE POST
SCALE 1:10



ELEVATION 2 – SCALE 1:25



PLAN 1 – SCALE 1:25 (BOTTOM RAIL AND MOVING STRIP OMITTED FOR CLARITY)

NOTES :

1. GENERAL

1.1 UNLESS OTHERWISE SPECIFIED, THE CONSTRUCTION SHALL COMPLY WITH AS 1725 - 1975 "GALVANISED RAIL-LESS CHAINWIRE SECURITY FENCES AND GATES".

2. CONCRETE

2.1 ALL CONCRETE SHALL HAVE A MINIMUM CHARACTERISTIC STRENGTH OF 20 MPa AT 28 DAYS.
2.2 MOVING STRIP TO HAVE EXPANSION JOINTS AT MAXIMUM 10 000 INTERVALS.

3. TUBES AND FITTINGS

3.1 ALL GATE POSTS, CORNER POSTS AND END POSTS SHALL BE MEDIUM GAUGE STEEL TUBE TO AS 1074, COLOUR CODE - BLUE BAND.
3.2 ALL INTERMEDIATE POSTS, BRACING STAYS AND GATE MEMBERS SHALL BE STEEL TUBE GRADE CV200 TO AS 1450.
3.3 TUBE CAPS SHALL BE OF PRESSED STEEL AND FITTED TO THE TOPS OF ALL VERTICAL POSTS.
3.4 ALL CLAMPS, PIPE FITTINGS, BOLTS, NUTS AND OTHER METAL FITTINGS SHALL BE OF PLAIN CARBON STEEL COMPLYING WITH RELEVANT AUSTRALIAN STANDARDS.
3.5 ALL SECTIONS AND PLATES SHALL BE OF STRUCTURAL STEEL GRADE 250 TO AS 1204
3.6 FENCE POSTS SHALL BE 3250 NOM. LONG i.e. 2 POSTS CUT FROM 6500 LENGTH TUBE.

4. WIRE

4.1 ALL WIRE SHALL BE STEEL WITH A TENSILE STRENGTH OF 370 - 550 MPa EXCEPT FOR THE LONGITUDINAL STRANDS OF BARBED WIRE WHICH SHALL HAVE A TENSILE STRENGTH OF 1000 - 1300 MPa.
4.2 CHAINWIRE SHALL BE MANUFACTURED FROM WIRE TO A UNIFORM 50 MESH. THE WIRE SHALL HAVE A 3.15 CORE DIA, 4.15 OVERALL DIA PVC COATED, COLOUR BLACK TO A.S. 2700.
4.3 BARBED WIRE SHALL BE TO AS 2423 - 1980 AND SHALL COMPRISE TWO 1.6 DIA WIRES TWISTED TOGETHER WITH FOUR POINT BARBS AT NOMINALLY 90 CENTRES.
4.4 SUPPORT CABLES SHALL COMPRISE TWO STRANDS OF WIRE. THE WIRE SHALL BE 3.15 CORE DIA, 4.15 OVERALL DIA PVC COATED, COLOURED BLACK TO A.S. 2700.
4.5 LACING AND TIE WIRE SHALL BE 2 CORE DIA, 2.80 OVERALL DIA PVC COATED, COLOURED BLACK TO A.S. 2700.

5. FINISH

5.1 ALL FERROUS MATERIALS SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH A.S. 1650. WIRE SHALL BE COATED WITH TYPE A (HEAVILY GALVANISED) GALVANISING.

5.2 ALL GALVANISING SHALL BE SUBJECT TO THE TESTS AS SPECIFIED IN AS 153.
5.3 ALL TUBE CUTS AND SITE WELDS SHALL BE TREATED WITH TWO COATS OF AN APPROVED ZINC RICH PAINT.

6. CONSTRUCTION

6.1 POSTS SHALL BE ORIENTATED SO THAT THE CUT END IS TO THE TOP.
6.2 BARBED WIRE SHALL BE STRAINED BETWEEN END POSTS AND SECURED TO INTERMEDIATE POSTS WITH TIE WIRES.
6.3 TIE WIRES SHALL BE TWISTED TWICE AND THE ENDS NEATLY CUT OFF.
6.4 THE TWO WIRES OF THE SUPPORT CABLES SHALL BE TIED TO THE END POSTS AND EACH WIRE LOOPED SEPARATELY AROUND ALTERNATE POSTS AND FINALLY TIED TO THE END OR GATE POST. THE SUPPORT CABLES SHALL BE ON THE OUTSIDE OF THE POSTS.
6.5 THE TWO WIRES OF THE SUPPORT CABLE SHALL BE TWISTED TOGETHER AT INTERVALS BETWEEN POSTS TO FORM TIGHT SPIRAL PITCH TO PROVIDE ADEQUATE TENSION TO SUPPORT THE CHAINWIRE.
6.6 THE CHAINWIRE SHALL BE DRAWN TAUT AND DOUBLE TIED TO THE BOTTOM RAIL AND TIED TO THE TOP SUPPORT CABLE, AND ALL POSTS AT EVERY SECOND DIAMOND.
6.7 THE CHAINWIRE SHALL BE FASTENED TO THE CENTRE SUPPORT CABLE WITH "MASPRO" CLIPS AT EVERY 5TH DIAMOND.
6.8 BRACING STAYS SHALL ONLY BE PROVIDED AT EVERY GATE, CORNER OR CHANGE OF DIRECTION.
6.9 ALL GALVANISED THREADS AND NUTS TO BE COVERED WITH TWO COATS OF AN APPROVED ZINC RICH PAINT AFTER CONSTRUCTION. APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
6.10 BOTTOM RAIL TO BE CONTINUOUS BETWEEN POSTS.
6.11 IN ERECTING THE FENCE IT IS IMPORTANT THAT BARBED WIRE, SUPPORT CABLES AND CHAINWIRE ARE TAUT TO ENSURE THE FENCE IS VISUALLY ACCEPTABLE. THE CONTRACTOR SHALL ENSURE THIS BY PAYING ATTENTION TO THE ORDER IN WHICH HE TENSIONS THE BARBED WIRE AND SUPPORT CABLE TO OBTAIN THIS VISUAL TAUTNESS.

TOLERANCING SHALL BE ±5.0mm

APPROVED

	DRAWN BY	CHECKED BY	RECOM'D BY	APPRV'D BY	DATE
	C. IVANISEVIC	D.HAMBLY		N.LOGOTHETIS	18-10-95
C	J. CARUANA	P.BARNEY		V.BREVER	05-08-97

DIMENSIONS UPDATED ELEVATION 2

ENERGEX Limited

STANDARD CIVIL
ENCLOSURES
TUBE AND CHAINWIRE FENCE
CONSTRUCTION AND FABRICATION DETAILS

SCALE : AS SHOWN	ORIGINATING DEPARTMENT PROJECT SUPPORT	A1

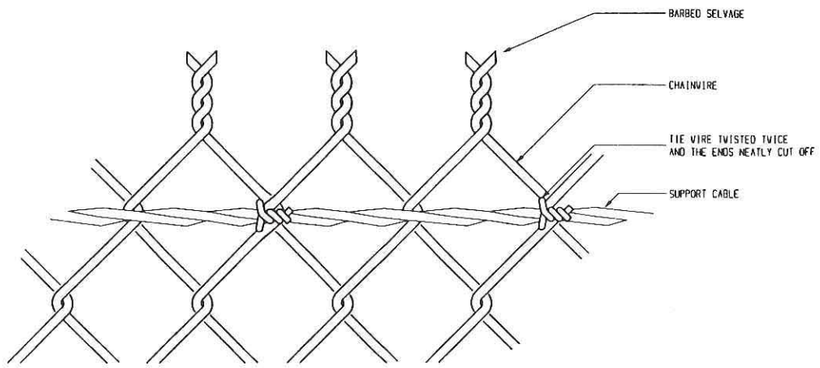
LOSTD-CV019-01

NEXT SHEET 02 AMENDMENT C

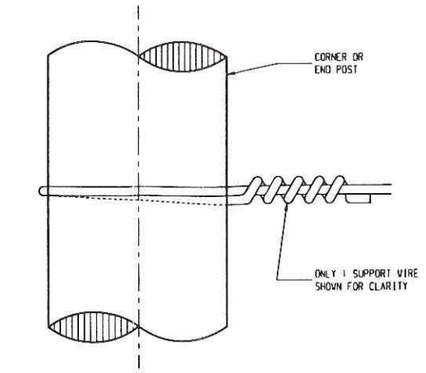
SCALE : 1:10 1:25

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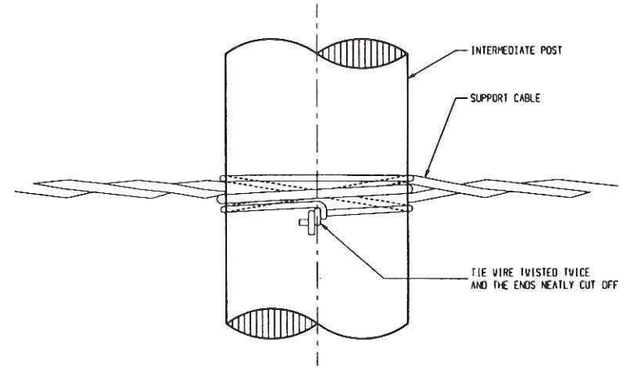
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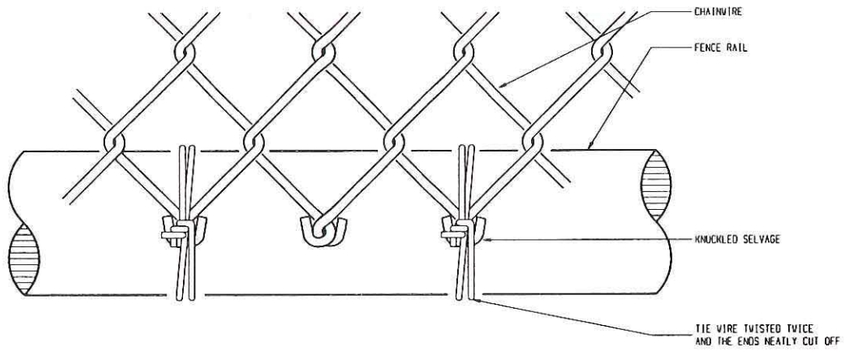
DETAIL SCALE 1:1 — A — CV019-01 — TOP SELVAGE VIEWED FROM INSIDE



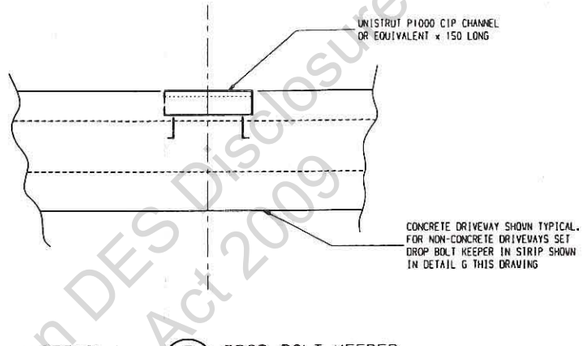
DETAIL SCALE 1:1 — D — CV019-01 — SUPPORT WIRE END (ALSO TYPICAL FOR BARBED WIRE)



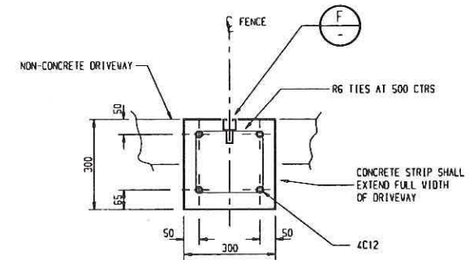
DETAIL SCALE 1:1 — E — CV019-01 — SUPPORT CABLE RUN (TYPICALLY FOR BARBED WIRE)



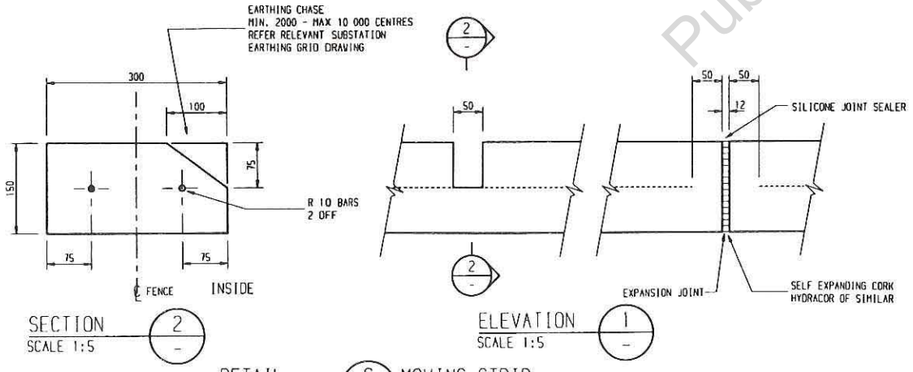
DETAIL SCALE 1:1 — B — CV019-01 — BOTTOM SELVAGE VIEWED FROM INSIDE



DETAIL SCALE 1:5 — F — CV019-02 — DROP BOLT KEEPER

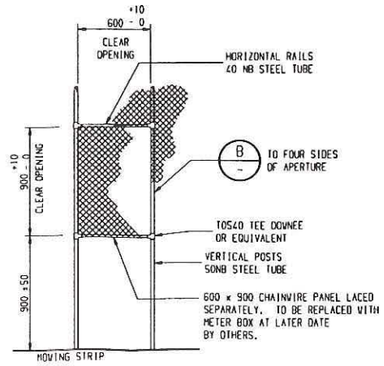


DETAIL SCALE 1:10 — G — CV019-02 — GATE STRIP

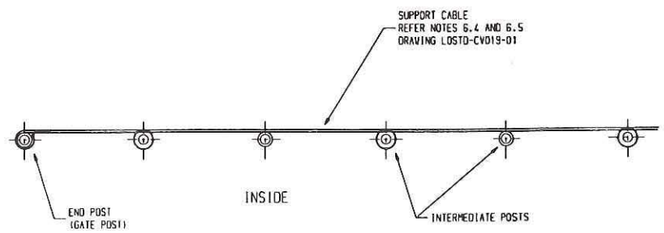


SECTION 2 SCALE 1:5 — ELEVATION 1 SCALE 1:5

DETAIL SCALE 1:5 — C — CV019-01 — MOWING STRIP



DETAIL SCALE 1:25 — K — METER BOX APERTURE



DETAIL SCALE 1:25 — J — CV019-01 — SUPPORT CABLE INSTALLATION

APPROVED

	DRAWN BY	CHECKED BY	RECOM'D BY	APPRV'D BY	DATE
	C.IVANISEVIC	D.HAMBLY		N.LOGOTHETIS	18-10-95
B	S.BYRNES	D.WILSON		M.TIMONEY	07-11-01

DETAIL K WAS 900 WIDE.

ENERGEX Limited

STANDARD CIVIL
ENCLOSURES
TUBE AND CHAINWIRE FENCE
CONSTRUCTION AND FABRICATION DETAILS

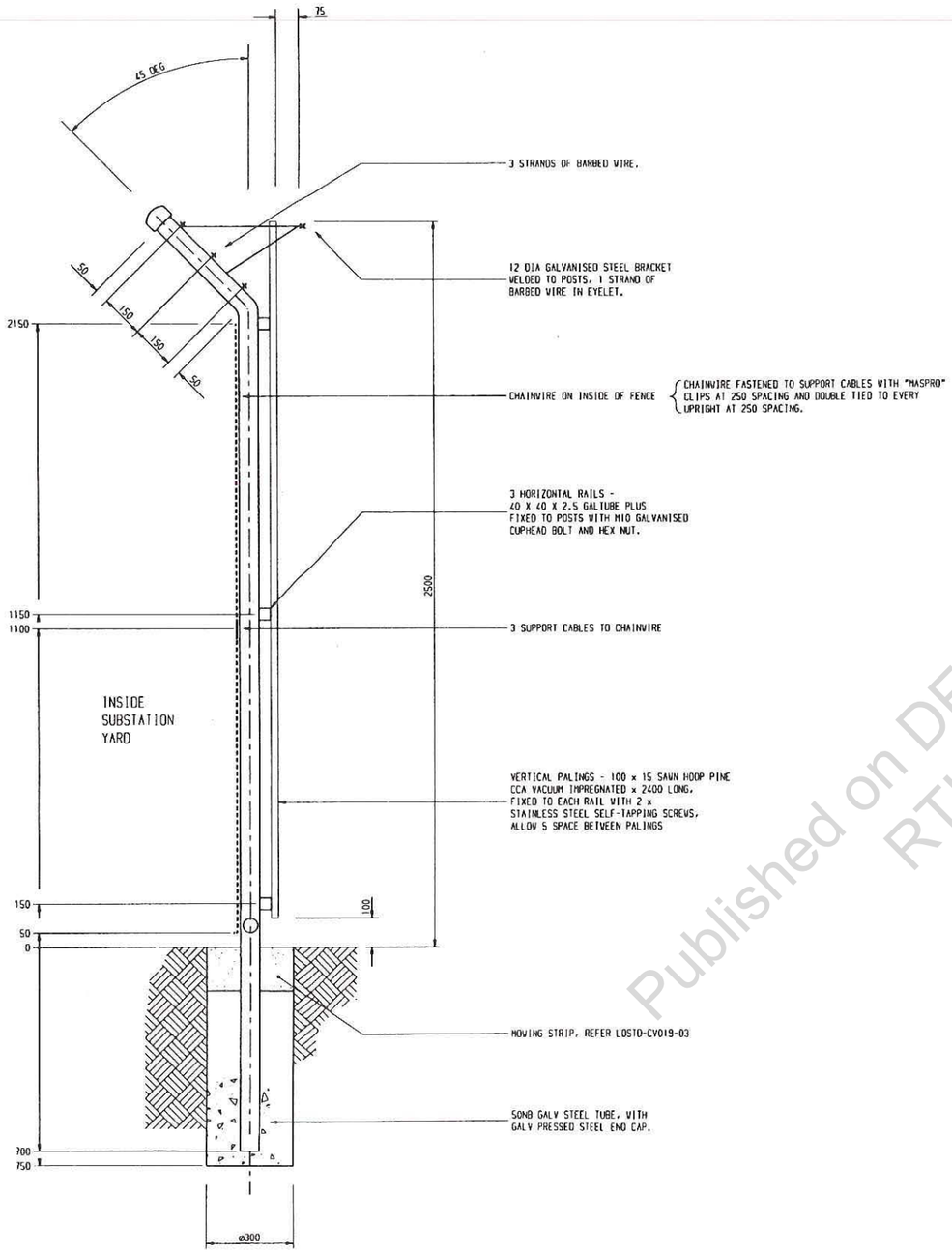
SCALE : AS SHOWN | ORIGINATING DEPARTMENT PROJECT SUPPORT | A1

LOSTD-CV019-03

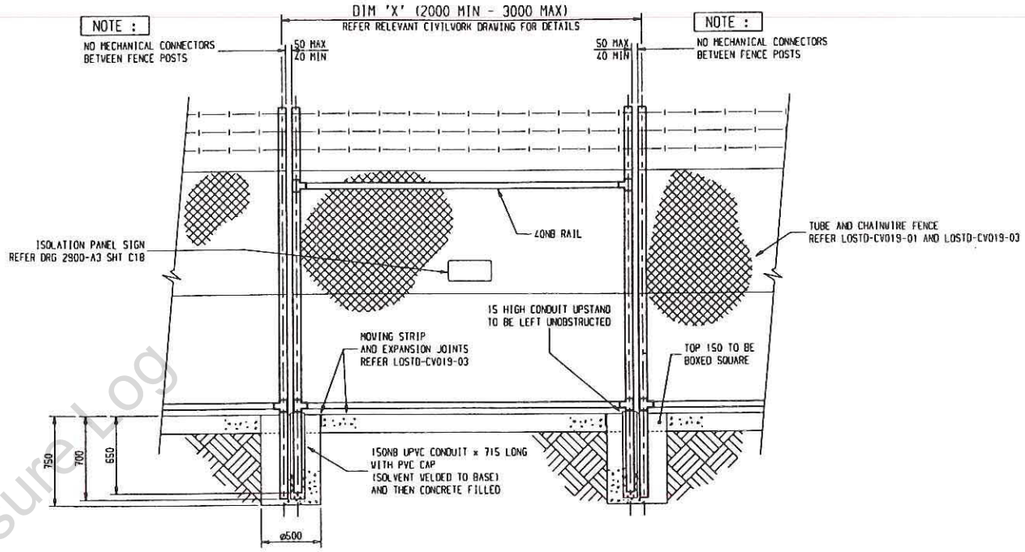
NEXT SHEET 04 | AMENDMENT B

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SECTION 1 TIMBER PALING FENCE
SCALE 1:10



ELEVATION 2 ISOLATING FENCE PANEL
SCALE 1:25

APPROVED

	DRAWN BY	CHECKED BY	RECOM'D BY	APPRV'D BY	DATE
	E.IVANISEVIC	D.HANBLY		N.LOGOTHETIS	18-10-95
0	P.BARNEY	D.HANBLY		V.BREVER	05-05-98

TIMBER FENCE PALINGS WERE 150 X 25 X 2400 LONG

ENERGEX Limited

STANDARD CIVIL
ENCLOSURES
TIMBER AND CHAINVIRE FENCE
ISOLATING FENCE PANEL
CONSTRUCTION & FABRICATION DETAILS

SCALE : AS SHOWN

ORIGINATING DEPARTMENT PROJECT SUPPORT

A1

LOSTD-CV019-04

NEXT SHEET 05

AMENDMENT D

SCALE : 1:10 1:25

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Queensland Department of Environment and Heritage

Albert 091-000239 PRO

Notification of contaminated site

- The following information should be supplied by people providing notification to the Queensland Department of Environment and Heritage of contaminated land or land used for a prescribed purpose under the *Contaminated Land Act 1991* and the *Contaminated Land Regulation 1991*.

Essential information

- Please complete **all** information.
- Please complete one form per lot.

HAZARDOUS WASTES AND CONTAMINATED SITES SECT. 06 NOV 1995

Local Authority area CITY OF GOLD COAST (ALBERT)

Information provided by Name SHARON MANN Contact phone no. 07-55780461

Organisation CITY OF GOLD COAST

Address PO BOX 5042

GCMC Postcode 9729

Name by which the property is known locally

Location Street address 7000 Unnamed Rd

Town/suburb Nerang Postcode 4211

Council area City of Gold Coast

Lot-on-Plan description of parcel of land

Lot 4 RP161610

Land titles register volume and folio number

Name and postal address of owner Name City of Gold Coast

Adddress PO Box 5042

GCMC Postcode 9729

Description of the source of the suspected contamination or the prescribed purpose for which the land is or has been used *(a short description of the land or cause of contamination will be sufficient. A separate attachment can be made if space is insufficient)*

SANITARY LANDFILL SITE

Area of parcel in square metres *(this information is used as a cross-check on the land description details)*

459 200 m^2

Current local authority zoning of the land Special Purposes

The processing of this information would be greatly assisted by the inclusion of a map or locality plan.

If further information is required please contact:

Queensland Department of Environment and Heritage
Contaminated Sites Section
PO Box 155
BRISBANE ALBERT STREET QLD 4002
(07) 227 7370 • Fax (07) 227 7369

FM459-2 Aug94

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Release

HAZARDOUS WASTES AND CONTAMINATED SITES SECTION
16 AUG 1999

QUEENSLAND GOVERNMENT
Department of Environment

Hazardous Waste and Contaminated Sites Section
Department of Environment
PO Box 155
BRISBANE ALBERT STREET
QLD 4002
Ph: (07) 3225 1827 Fax: (07) 3227 8341

Notification of Land

Sections 118E and 118F *Environmental Protection Act (1994)*

The following information should be supplied by people providing notification to the Department of Environment of contaminated land or land used for a notifiable activity under Schedule 3 of the *Environmental Protection Act 1994*.

Essential information

- *Please complete **all** information* • *Please complete one form per lot* **Date:** 16.9.99
- ***Please refer to the reverse side for information on how to complete this form***

1. Local government
GOLD COAST CITY COUNCIL

2. Information provided by
Name SEAN SMITH
Telephone (07) 55 816140
Organisation: GOLD COAST CITY COUNCIL
Address PO BOX 5042
GOLD COAST MC Postcode 9729

3. Name by which the property is known locally
PIONEER ROAD SERVICES

4. Lot on Plan description of parcel of land
Lot 1 Plan SP100662
Parish NERANG

5. Location
Street Address 1 MATILDA ROAD
Town/suburb NERANG
Postcode 4211

6. Name and postal address of land owner
GOLD COAST CITY COUNCIL
Street Address PO BOX 5042
Town/suburb GOLD COAST MC
Postcode 9729

7. Area of parcel in square metres
(this information is used as a cross-check on the land description details)
27070 m2

8. Notification information *(please refer to the reverse side of this form and Schedule 3 of the Environmental Protection Act 1994)*

Description of the notifiable activity/ies for which the land is or has been and the source/s of the suspected contamination *(please list all notifiable activities that the land has been used for and provide details)*.

ASPHALT OR BITUMEN MANUFACTURE

9. Map or locality plan *(The processing of this information would be greatly assisted by the inclusion of a map or locality plan)*

Signature of person providing notification information sch4p4(6) Personal info

Entered 17/8/99 ('N')
Site ID: 27620

Kim, please list on ENR (N)

sch4p4(6) Per

sch4p4(6)

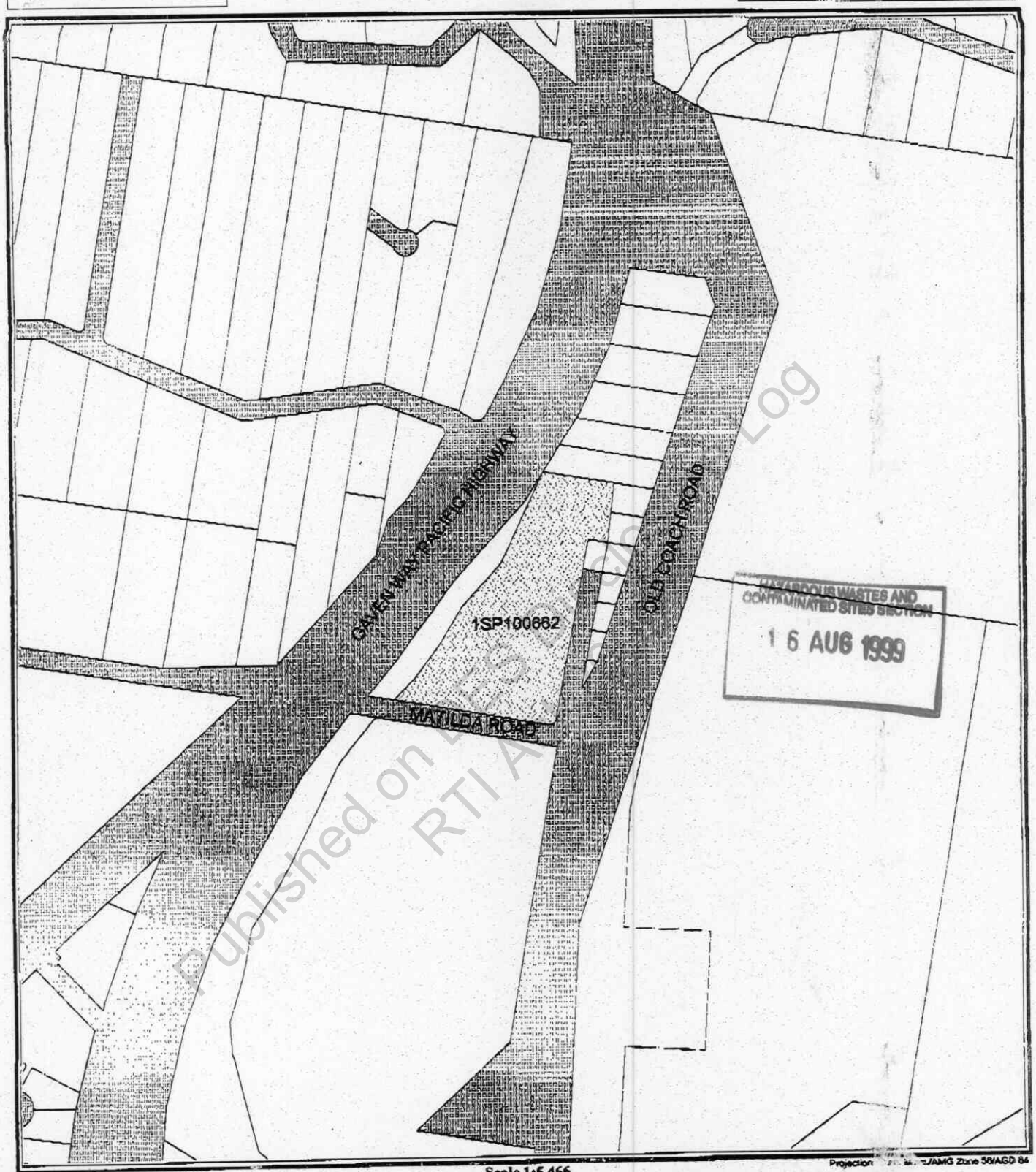
16/8/99

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EP Act 1994

Standard Map

1 Matilda Road, Nerang

Gold Coast City Council



Published on Logan City Council RTI Access Log

EasiMaps Standard Map (GCCCA4.WOR)

Projection ... /AMG Zone 56/AGD 84

Scale 1:5,466

100 0 100 200 m

Distance in Metres

Gold Coast City Council Standard Locality Map

USE OF THIS MAP:
This map has been created for the express purpose of providing basic locality information to Gold Coast City Council officers. Using this map for any other purpose is at the users own risk.

Property boundary line network information is supplied by the Dept. of Natural Resources, Qld. Any errors should be reported to the GIS Unit, Planning Environment and Transport Directorate.

DISCLAIMER:
This map reflects information currently held in Council's records.

While every effort has been made to ensure the accuracy in the production of this publication, Council accepts no responsibility for any errors or omissions that may be present. Council would appreciate advice should any errors be discovered.



NORTH

Produced by the Gold Coast City Council's Geographic Information System (Esaimaps V.5). All rights reserved. Property data used under licence from the Queensland Department of Natural ... Not to be reproduced.

Subject: Re(2): Gold Coast City - Former Landfill Sites
Date: 27 Aug 2001 09:03:00 +1000
From: "Lowry Don" <dlowry@goldcoast.qld.gov.au>
To: "Tess Dobinson" <Tess.Dobinson@env.qld.gov.au>

Gold Coast C.C.

Tess.
See below.
1.Molendinar Landfill
The lots mentioned below were part of an application t
have never been used for landfilling.

s.73 Irrelevant information

Tess Dobinson (24/08/2001 15:58):
>Hi Don,
>
>The information supplied to us is exactly what I put down in the e-mail I sent to
>Lana. The
>information we received is sketchy and is not sufficient to allow us to make a
>decision either
>way regarding listing any of these sites on the Environmental Management Register
>(EMR)
>without seeking further clarification. Of the 8 sites that I queried with Council,
>there are 5 sites
>without adequate lot/plan descriptions, one of which, as I mentioned in my e-mail,
>is owned by
>private people. We cannot enter sites on the EMR without correct, current lot/plan
>descriptions.
>
>We have to be 100% certain that we have the correct lot/plan description and that
>the
>information supplied is verifiable before we go entering sites on the EMR,
>especially if, as in this
>case, it appears that it's an old landfill site that is now owned by private
>people. Council would
>have this historical information.
>
>We do have paperwork about Molendinar landfill in our files, however the question
>is with
>regards to the sites that were notified by Council to DCILGPS.
>Lots 1-6/SP100662 and L314/WD5254, amongst others, were all notified under the
>heading of
>"Molendinar Landfill", however not all of these sites are not listed on the EMR.
>The purpose of
>this query was to find out whether Lots 1 & 4-6/SP100662 and L314/WD5254 have been
>or are being affected by the landfill activity. If they are, Council will need to
>notify these sites to this
>Agency.
>
>Like I said, any further information you can provide would be helpful, especially

Asphalt

Not on Register

Published on DES Disclosure Log RTI Act 2009

>maps.
>
>Please call or e-mail if I can help.
>
>Regards
>
>Tess
>
>
>--
>Tess Dobinson
>Contaminated Land Unit
>Environmental Protection Agency
>Tel: (07) 322 51974 Fax: (07) 3247 3278
>E-mail: tess.dobinson@env.qld.gov.au
>Visit us at: http://www.env.qld.gov.au
>

****
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and un-authorised use is strictly prohibited.
****

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RTI Act 2009

Subject: **Gold Coast City - Former Landfill Sites**
Date: 24 Aug 2001 14:23:00 +1000
From: "Lowry Don" <dlowry@goldcoast.qld.gov.au>
To: tess.dobinson@env.qld.gov.au

Tess
I have just been referred an email from yourself requesting information regarding former landfills in the GCCC area. The information you have requested has already been supplied to DCILGPS and some is in your files regarding the current landfill operation at Molendinar.
I do not wish to waste further time in preparing the information again unless there is some compelling reason to do so. Can you please explain the reason for your enquiry.
Regards
Don.

****
This e-mail and its contents is confidential to Gold Coast City Council and un-authorised use is strictly prohibited.
****

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RTI Act 2009

Subject: Re: Gold Coast City - Former Landfill Sites
Date: Fri, 24 Aug 2001 15:58:52 +1000
From: Tess Dobinson <Tess.Dobinson@env.qld.gov.au>
Organization: Environmental Protection Agency
To: Lowry Don <dlowry@goldcoast.qld.gov.au>

Hi Don,

The information supplied to us is exactly what I put down in the e-mail I sent to Lana. The information we received is sketchy and is not sufficient to allow us to make a decision either way regarding listing any of these sites on the Environmental Management Register (EMR) without seeking further clarification. Of the 8 sites that I queried with Council, there are 5 sites without adequate lot/plan descriptions, one of which, as I mentioned in my e-mail, is owned by private people. We cannot enter sites on the EMR without correct, current lot/plan descriptions.

We have to be 100% certain that we have the correct lot/plan description and that the information supplied is verifiable before we go entering sites on the EMR, especially if, as in this case, it appears that it's an old landfill site that is now owned by private people. Council would have this historical information.

We do have paperwork about Molendinar landfill in our files, however the question is with regards to the sites that were notified by Council to DCILGPS. Lots 1-6/SP100662 and L314/WD5254, amongst others, were all notified under the heading of "Molendinar Landfill", however not all of these sites are not listed on the EMR. The purpose of this query was to find out whether Lots 1 & 4-6/SP100662 and L314/WD5254 have been or are being affected by the landfill activity. If they are, Council will need to notify these sites to this Agency.

Like I said, any further information you can provide would be helpful, especially maps.

Please call or e-mail if I can help.

Regards

Tess

--
Tess Dobinson
Contaminated Land Unit
Environmental Protection Agency
Tel: (07) 322 51974 Fax: (07) 3247 3278
E-mail: tess.dobinson@env.qld.gov.au
Visit us at: http://www.env.qld.gov.au

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SITE NAME	ADDRESS	REAL PROPERTY DESCRIPTION: FOR ENTIRE LANDFILL AREA	CLOSED PRIOR TO 30/6/98 YES/NO	LANDFILL STILL OPERATING YES/NO	COUNCIL OPERATED/ ILLEGAL/ PRIVATE	COMMENTS
s.73 Irrelevant information		s.73 Irrelevant information			s.73 Irrelevant information	
Molendinar Landfill	Harper St Molendinar Nerang	313,314 WD5254, 315WD4660, 1,3,4 RP161610, 333WD4877, 241RP844822 & 1-6SP100662	no	Yes	Council Operated	Proposed closure around 2003
s.73 Irrelevant information	s.73 Irrelevant information	s.73 Irrelevant information		s.73 Irrelevant information		

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Release