

# **Attachment 1**

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Current Approval

**Duplicate**

**CONSENT ORDER**

In the Planning and Environment Court  
Held at: Brisbane

**BD**  
Appeal No. 3448 of 2003  
**1**

Between: **NEILSEN DEVELOPMENTS PTY LTD ACN 067 197 675**

Appellant

And: **BEAUDESERT SHIRE COUNCIL**

Respondent

And: **STATE OF QUEENSLAND**

Co-Respondent

Filed on **29 JUN 2004** / 2004

Before His Honour Judge Wilson SC

On 23 June 2004

~~UPON HEARING the solicitors for the Appellant, the solicitors for the Respondent and the solicitors for the Co-Respondent; and~~

~~UPON READING the Notice of Appeal filed on 15 October 2003, the Entry of Proceeding filed on 9 June 2004, the Affidavits of David Kershaw and James Ireland both filed on 9 June 2004; and~~

**UPON BEING SATISFIED** that Part 4 of Chapter 3 of the *Integrated Planning Act 1997* in relation to giving notice of the development application and Part 1 of Chapter 4 of the *Integrated Planning Act 1997* in relation to giving notice of the appeal have been substantially complied with;

**IT IS ORDERED** that:

1 the appeal be allowed.

Consent Order  
Filed on behalf of the Respondent  
Form PEC-8

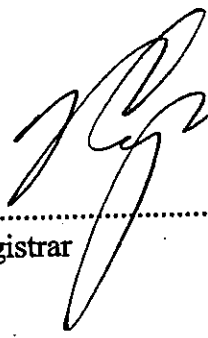
**FINAL ORDER**

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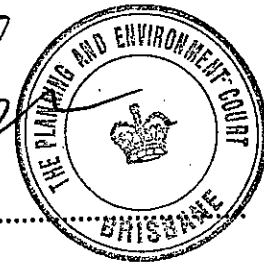


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the development application for a material change of use for extractive industry of Lot 1 on RP 98576 be approved, subject to the conditions contained in Annexure A.



Registrar



## Annexure A

- a) A Development Permit is given for a Material Change of Use of the subject land for the purpose of an Extractive Industry subject to the following conditions:

### Planning & Development (Planning) – Beaudesert Shire Council

- i) **USE IN ACCORDANCE WITH THE APPLICATION - MATERIAL CHANGE OF USE -** Development being undertaken generally in accordance with the application as submitted and supplementary information, except insofar as it is modified by the conditions of this approval. Any minor changes may be requested by the Applicant in accordance with Section 3.5.24 of the *Integrated Planning Act 1997* without the need for a further Development Application for a Material Change of Use.

- ii) **SCOPE OF APPROVAL** – This approval incorporates the following documentation and supplementary information:-

1. Development Proposal Report- Kershaw & Co., 20 September, 2000.
2. Environmental Management Plan Volume 1 – Kershaw & Co., 31 August, 2000.
3. Traffic Study – Viney Traffic Engineering, 19 September, 2000.

The approved Environmental Management Plan shall be amended from time to time to incorporate further approvals, licences, permits and the like, including amendments to the conditions of this Development Permit. Such amendments to the Environmental Management Plan shall not in itself constitute an amendment to this Development Permit nor an amendment to a condition of this Development Permit.

- iii) **DEFINITION COMPLIANCE AND EXCLUSIONS** - The approved uses and associated ancillary activities shall at all times comply with the definition of Extractive Industry of Part I and relevant provisions of Part V respectively, of Council's Town Planning Scheme.

- iv) **WORKS - APPLICANT'S EXPENSE** - All works, services, facilities and/or public utility alterations required by this approval or stated condition/s, whether carried out by the Council or otherwise, shall be at the Applicant's expense unless otherwise specified.

- v) **COMMENCEMENT OF USE** - Prior to the use commencing, the Applicant shall advise Council's Planning & Development Section in writing, of the proposed commencement date.

- vi) **MAXIMUM EXTRACTION RATE** – An ultimate maximum quantity of 400,000 tonnes of rock may be extracted from the subject site per annum.

- vii) **HAUL ROUTE** – Haulage of material from the subject site and return trips to the subject site are restricted to Sandy Creek Road north of the development subject site and the connecting State-controlled road network, except where prior written approval has been given by the Director – Civil Operations. Subject to obtaining such prior written permission from the Director – Civil



Operations for each delivery, local deliveries to premises off Sandy Creek Road south of the quarry entrance may be permitted. Application for such approval shall be in writing.

- viii) **LANDSCAPING & REHABILITATION** – Landscaping and rehabilitation (progressive and ultimate rehabilitation) shall be undertaken in accordance with the Landscape Management Plan and the relevant provisions of the approved Development Proposal Report. Prior to carrying out rehabilitation works, a Landscape Works Plan and Specifications shall be submitted to Council. The land shall be landscaped with suitable trees and shrubs together with grass or other ground cover in accordance with the provisions of Council's Town Planning Scheme. Such trees and shrubs shall be native Australian varieties particularly those indigenous to the locality, where possible, and be maintained in a sturdy and healthy condition with dead or diseased trees replaced as soon as practicable.
- ix) **SITE MAINTENANCE** - The subject site shall be maintained in a clean and orderly state at all times.
- x) **OPEN STORAGE - SCREENING** - Open storage area/s containing equipment, machinery, stockpiles or other materials associated with the approved use shall be screened from public lands, roads and adjoining properties by way of vegetation or screen fencing.
- xi) **OPERATING HOURS** – No operations in association with the quarry involving the movement of equipment and vehicles, loading of vehicles, the operation of crushing or screening equipment, or drilling equipment shall occur on the subject site outside the hours of 6:00am to 6:00pm Monday to Friday and 7:00am to 5:00pm Saturdays. Blasting shall only be conducted between the hours of 9:00am to 5:00pm Monday to Friday, except in an emergency. No quarry operations or activities shall be conducted on the subject site on Sundays or Public Holidays.
- xii) **AUTHORITY SIGN** – The Applicant shall erect a sign at the entrance to the subject site indicating that the quarry operates under the authority of Beaudesert Shire Council Development Application No. 5931.
- xiii) **LOCAL LAWS COMPLIANCE** – The operation of the quarry shall at all times comply with Council's Local Laws and Local Law Policies.
- xiv) **PERFORMANCE & REHABILITATION BOND** – A Performance and Rehabilitation Bond is to be provided to Council prior to the commencement of each stage in accordance with the Development Proposal Report and Environmental Management Plan. The bond for each stage is set out below in the following table.

Stage	Bank Guarantee Amount
Stage 1	\$99,500.00
Stage 2	\$108,000.00



Stage	Bank Guarantee Amount
Stage 3	\$123,000.00
Stage 4	\$53,000.00
Long Term Rehabilitation	\$38,000.00

The bond for a stage may be called upon by Council where, in the opinion of Council, site rehabilitation for that stage has not been satisfactorily undertaken. Prior to the release of the bond for a particular stage, a vegetation strike rate of 80% is to be achieved for that stage within the first twelve months of the rehabilitation commencing for that stage. Should the strike rate of 80% not be achieved at the completion of the twelve month period, the Performance and Rehabilitation Bond will be held for a further minimum period of twelve months or until the strike rate of 80% is achieved. All rehabilitation works are to be generally in accordance with the Design and Construction Manual and to the satisfaction of the Director - Civil Operations.

The performance and rehabilitation bond shall be retained for a period of twelve months after the completion of all activities on the subject site or until such time as Council is satisfied that rehabilitation has been achieved in accordance with the Landscape Management Plan.

- xv) **UPGRADE OF SANDY CREEK ROAD** - The Applicant must enter into the attached agreement marked "B" with Council (prepared by Council's solicitors, with all reasonable costs associated with the preparation and negotiation of the agreement to be borne by the Applicant), in relation to the quantum and the form of the contribution payable to the Council for the consumption of the existing Sandy Creek Road asset prior to the commencement of the use on the subject land.

The Applicant is to comply with the terms of the agreement once executed.

- xvi) **PERFORMANCE & REHABILITATION BOND - METES AND BOUNDS SURVEY** - The Applicant is to provide to Council a Metes and Bounds Survey of each individual stage in accordance with Staging Plans 740.013, 740.014, 740.015 & 740.016 dated 9 August, 2000 and Long Term Rehabilitation Concept Plan No. 740.019 dated 9 August, 2000 prepared by Kershaw & Co.
- xvii) **STAGING** - The Applicant shall advise Council in writing one month prior to the commencement of activities relating to the next stage. Such written advice shall be accompanied by the relevant Performance & Rehabilitation Bond in accordance with condition xiv) and Metes and Bounds Survey, as required by condition xvi).

#### Design - Beaudesert Shire Council

- xviii) **VEHICLE ACCESS** - All internal roads shall be designed in accordance with Council's Design and Construction Manual and to the satisfaction of Council's Director - Civil Operations except as noted herein. Access to the quarry shall be generally in accordance with drawing SK 1 by Viney Traffic



Engineering Pty Ltd verified against the swept path of the maximum vehicle servicing the subject site. The access road from Sandy Creek Road to the weighbridge shall be a minimum 7m wide two coat bitumen sealed flexible (granular) pavement with 1m wide shoulders.

Internal haul roads shall be designed in accordance with the parameters outlined in clause 2.4.5 of the Development Proposal Report.

- xix) ADVERSE DRAINAGE IMPACT – GENERAL** - Drainage from the development shall not adversely impact upon downstream owners. The Applicant may be required to submit details of adequate measures to the satisfaction of Council's Director – Civil Operations, to offset such impact if identified.
- xx) STORMWATER DISCHARGE AND DISPOSAL** - Stormwater discharge from the subject site shall be collected and disposed of to the satisfaction of the Director – Civil Operations and be in accordance with Council's Design and Construction Manual. Details on the proposed method of control and disposal of stormwater from the subject site, including access roads, parking areas and roofs are to be submitted as a Development Application for Plumbing and Drainage Work.
- xxi) ADEQUATE WATER SUPPLY** - Provision of an adequate water supply system to the satisfaction of Council's Director – Civil Operations. Details on the proposed method of providing an adequate water supply are to be submitted as a Development Application for Plumbing and Drainage Work.
- xxii) WASTE WATER DISPOSAL – GENERAL** - Waste water collected within the subject site shall be treated and disposed of to the satisfaction of Council's Director – Civil Operations. Details on the proposed method of treatment and disposal of waste water are to be submitted as a Development Application for Plumbing and Drainage Work.
- Details shall include the design loading for the proposed treatment plant and information on the quality of effluent produced. Details are required on the proposed method of disposal of effluent and sludge produced from the treatment plant including a supporting soils analysis for any area designated as an effluent disposal site. The analysis and design shall be carried out in accordance with AS 1547-1994 (Disposal Systems for Effluent from Domestic Premises).
- Note that details of the proposal may be referred to State Government referral agencies for comment.
- xxiii) EROSION CONTROL** – Provision shall be made for the control of soil erosion to the satisfaction of the Director - Civil Operations. The operators shall install control treatment measures (e.g. on-site erosion and sediment control) as required, to prevent or minimise the release of sand/silt/mud entering the stormwater drainage system.
- xxiv) CAR PARKING NUMBERS** - Provision of adequate on-site car parking spaces in accordance with Council's Town Planning Scheme. All parking areas, loading docks, delivery and collection areas and internal road systems shall be designed and maintained in accordance with AS 2890.1 - 1993 and AS 2890.2 - 1989 .



- xxv) CAR PARKING ON-SITE** - All vehicles under the control of the Applicant or ancillary staff shall be parked wholly within the curtilage of the subject site.
- xxvi) VEHICLE LOADING/UNLOADING** - All loading and unloading of vehicles associated with the approved uses, including the pick-up and/or delivery of goods and materials, shall be conducted at all times from within the curtilage of the subject site.

#### **Environmental Activities – Beaudesert Shire Council**

- xxvii) SIGNS - GENERAL** - Ensure an advertising sign is erected, painted or displayed consistent with a Development Approval pursuant to Council's Town Planning Scheme and Local Subordinate Law Policy No 7.4 (Advertisements).
- xxviii) AIR - CONTAMINANTS** - Odour and visible contaminants, including dust, smoke, fumes and aerosols must not be released to the environment in a manner that will or may cause environmental harm or environmental nuisance.
- xxix) DUST - CONSTRUCTION** - During construction and/or clearing works, dust must not be released into the environment such as to cause a nuisance. Where necessary, dust suppression works may be required as applicable in the circumstance.
- xxx) LAND CLEARANCE** - The majority of timber material cleared from the subject site is to be chipped. Materials not suitable for chipping may be incinerated by pit burning only and subject to specific approval from Council and Queensland Fire Services. For Council approval, please contact the Environmental Activities Section on telephone number 07 5540 5358.
- xxxi) INCINERATION** - No incineration or open burning shall be carried out on-site in connection with the activity.
- xxxii) RELEASE OF CONTAMINANTS** - Contaminants must not be released to the environment where the release will or may cause environmental harm.
- xxxiii) MOSQUITO CONTROL - DRAINS & PARKS** - All drainage lines including roadside and stormwater drains and parkland areas are to be adequately designed and graded so as not to provide a breeding ground for mosquitos.
- xxxiv) MOSQUITO CONTROL - PONDS/DAMS** - All ponds/dams and artificial water bodies are to be designed with steep banks and minimal emergent vegetation along banks to discourage mosquito harbourage.
- xxxv) NOISE DISTURBANCE** - The activity must be carried out by such practicable means necessary to prevent or minimise the emission of noise likely to cause environmental nuisance at any noise sensitive place or at a commercial place beyond the boundaries of the subject site.
- xxxvi) LIGHTING** - Lighting used to illuminate any areas of the premises shall be angled or shaded in such a manner so that light does not directly illuminate any nearby premises or roadways.





- xxxvii) **LAND CONTAMINATION** - The use of the subject site shall not cause or permit the land to become contaminated as defined under the provisions of the *Environmental Protection Act 1994*.
- xxxviii) **CLEANING CONTAMINATION** - Contaminants from the washing or cleaning process must not contaminate the soil and/or groundwater.
- xxxix) **WASTE COLLECTION AND DISPOSAL** - All waste shall be collected and disposed of in accordance with the Environmental Protection Act 1994 and the Beaudesert Shire Council Waste Management Policy to the satisfaction of Council's Director - Development & the Environment. The Applicant shall ascertain the necessary requirements in writing prior to commencement of any construction works or conduct of a regulated activity.
- xi) **WASTE STORAGE** - Ensure that all waste is stored in approved waste containers and that sufficient number of waste containers are provided to contain all waste produced on the subject site.
- xii) **WASTE LEACHATE** - Waste leachate shall not be released to the environment which will or may cause unlawful environmental harm unless such release is authorised by the Administering Authority.
- xlii) **STORMWATER PROTECTION** - The activity shall be conducted in a manner to prevent the contamination of surface stormwater run-off. Only stormwater from uncontaminated areas shall drain directly into the stormwater drainage system.
- xliii) **STORMWATER - DIVERSION** - Stormwater shall be diverted away from storage and contaminated work areas.
- xliv) **STORMWATER RELEASE** - All collected stormwater shall be discharged from the subject site in such a way as to prevent undue disturbance to the environment.
- xlv) **WASTEWATER TO GROUNDWATER/CREEKS** - Wastewater shall not be released to stormwater, groundwater or discharged directly to creeks, rivers, lakes or water bodies of the State.
- xlvi) **EROSION CONTROL** - Install control treatment measures (e.g. on-site erosion and sediment control) as required, to prevent or minimise the release of sand/silt/mud entering the stormwater drainage system.

#### Queensland Department of Main Roads

- xlvii) **INTERSECTION UPGRADE** - The Applicant shall submit for approval (prior to any construction within the boundaries of the State-controlled road reserve), detailed engineering drawings of the proposed upgrading to the intersection of Sandy Creek Road with Beaudesert-Boonah Road, prepared in accordance with the Queensland Department of Main Roads' Road Planning and Design Manual, Chapter 13- Intersection at Grade, and the Department's requirements.
- xlviii) **BEAUDESERT-BOONAH ROAD IMPACT CONTRIBUTIONS** - The Applicant shall agree to contribute to the maintenance and future upgrading of Beaudesert-



Boonah Road by payment of a contribution of \$0.189 per tonne, as per Viney Traffic Engineering Report dated 27 April 2001, cumulatively adjusted from time to time to reflect changes in Main Roads Works Input Cost Index ('RICI'). The State shall provide notification in writing to the Applicant of any changes in RICI and the rate of the contribution shall be adjusted by the amount of change in RICI from the date of receipt of the notification.

- xlix) **MOUNT LINDESAY HIGHWAY IMPACT CONTRIBUTIONS** - The Applicant shall agree to contribute to the maintenance and future upgrading of Mount Lindesay Highway by payment of a contribution of \$0.0031 per tonne, as per Viney Traffic Engineering Report dated 27 April 2001, cumulatively adjusted from time to time to reflect changes in Main Roads Works Input Cost Index ('RICI'). The State shall provide notification in writing to the Applicant of any changes in RICI and the rate of the contribution shall be adjusted by the amount of change in RICI from the date of receipt of the notification.
- i) **IMPACT CONTRIBUTIONS** - The amount of payment due under the above conditions shall be calculated from the date the development permit takes effect until the end of the next quarter and thereafter on a quarterly basis. The payment is to be made to the Department together with the total amount of material transported by road from within the site for the current quarter.
- ii) **KEEPING OF RECORDS** - The Applicant shall maintain accurate records and books of account which record the quantity of material extracted from the site and transported by road, sufficient to enable calculation of the payment referred to in the previous condition and shall keep such records and accounts for not less than five years. The Applicant shall make the records available at all times to any properly authorised officer of the State.

#### **Environmental Protection Agency**

Pursuant to the Environmental Protection Act 1994, the Environmental Protection Agency as a Concurrence Agency has approved the Development Application for a Material Change of Use on the subject land for the development of Environmentally Relevant Activities (ERA's) 20(c) - Extracting Rock or other material, and 22(c) - Screening, etc of materials.

The following concurrence agency development conditions are attached to the development approval:

Schedule A - General Conditions

Schedule B - Air

Schedule C - Water

Schedule D - Stormwater Management

Schedule E - Land Application

Schedule F - Noise

Schedule G - Waste Management



Schedule H - Self Monitoring and Reporting

Schedule I - Definitions

Schedule J - Plan of Development

### SCHEDULE A - GENERAL CONDITIONS

#### Display of Development Approval

- (A1) A copy of this development approval must be kept in a location readily accessible to personnel carrying out the activity.

#### Alterations

- (A2) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this development approval.

An example of a substantial increase in the risk of environmental harm is an increase of ten percent (10%) or more in the quantity of the contaminant to be released into the environment.

#### Records

- (A3) Any record or document required to be kept by a condition of this development approval must be kept at the premises to which this development approval relates for a period of at least five (5) years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

#### Site-Based Management Plan

- (A4) On commencement of the activity, the holder of this development approval must implement an effective and appropriate Site-based Management Plan which details how the holder of this development approval will manage the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity.

- (A5) The Site-based Management Plan must address at least the following matters:

- routine operating procedures to prevent or minimise environmental harm, however occasioned or caused during normal operations;
- maintenance practices and procedures;
- contingency plans and emergency procedures to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation);
- monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results;

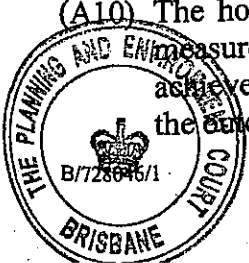


- assessment of the environmental impact of any releases of contaminants into the environment including procedures, methods, record keeping and notification of results;
  - handling of environmental complaints;
  - keeping and production of environmental records and reports;
  - lines and methods of communication to be utilised for communication of procedures, plans, incidents, potential environmental problems and results, including a feedback mechanism to ensure that management is made aware of potential environmental problems and any failure of procedures adopted;
  - staff training and awareness of environmental issues related to the operation of the environmentally relevant activities, including responsibilities under the Environmental Protection Act; and
  - update the Site-Based Management document following any changes implemented.
- (A6) An up-to-date copy of the Site-Based Management Plan must be kept at the premises to which this development approval relates and be readily accessible to personnel that are carrying out the environmentally relevant activity.

### Site Rehabilitation

- (A7) The holder of this development approval must rehabilitate the premises in a manner such that:
- (i) any revegetation or landscaping works must be undertaken using appropriate species of vegetation with preference being given to native species endemic to the area are planted and established; and
  - (ii) potential for erosion of the site is minimised; and
  - (iii) the quality of stormwater released from the site is such that releases of suspended solids, and turbidity are not likely to cause environmental harm in the receiving waters; and
  - (iv) the likelihood of environmental nuisance being caused by release of dust is minimised; and
  - (v) the final landform is stable and not subject to slumping; and
  - (vi) access to areas being rehabilitated must be restricted.
- (A8) Rehabilitation of disturbed areas must take place progressively as stages of works are finalised and new areas of extraction are commenced within the premises to which this development approval relates (refer to drawing numbers: 740.013 - Stage 1 Development, 740.014 - Stage 2 Development, 740.015 - Stage 3 Development and 740.016 - Stage 4 Development), as specified in Schedule J of this development approval (refer "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000).
- (A9) The final rehabilitation of the site must comply with drawing number 740.019 - "Long Term Rehabilitation Concept", as specified in Schedule J of this development approval (refer "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000).

- (A10) The holder of this development approval must keep appropriate records of rehabilitation measures implemented including taking of photographs demonstrative of rehabilitation achieved and submit a report to the administering authority with each annual return detailing the outcomes of the rehabilitation program in the preceding twelve (12) months.



**End of Conditions for Schedule A****SCHEDULE B - AIR****Dust Control**

- (B1) Dust or particulate matter that will have or is likely to have an adverse effect on people living in or using the surrounding area shall not be permitted to emanate beyond the boundaries of the premises to which this development approval relates.
- (B2) There must be no release of dust and/or particulate matter:
- (i) that causes dust deposition, monitored in accordance with Australian Standard AS 3580.10.1 of 1991, to exceed one hundred and twenty (120) milligrams per square meter per day beyond the boundary of the premises to which this development approval relates; nor
  - (ii) that causes the concentration of particulate matter with an aerodynamic diameter less than ten (10) micrometre ( $\mu\text{m}$ ) ( $\text{PM}_{10}$ ) suspended in the atmosphere downwind and beyond the boundary of the premises to which this development approval relates to exceed one hundred and fifty (150) micrograms per cubic metre over a twenty four (24) hour averaging time, when monitored in accordance with Australian Standard AS 3580.9.6 'Ambient air - Particulate matter - Determination of suspended particulate  $\text{PM}_{10}$ .high -volume sampler with size-selective inlet - Gravimetric method' or an alternate method for  $\text{PM}_{10}$ . permitted in the "Air Quality Sampling Manual" published by the Department of Environment first edition, November 1997, or more recent editions or supplements to that document as such become available.

**Extractive Operations**

- (B3) The holder of this development approval must take all reasonable and practicable measures necessary to prevent and/or minimise the release of particulate matter and dust to the atmosphere from extractive operations. Reasonable and practicable measures may include but are not limited to:
- (i) limiting topsoil/overburden removals at any one time to that necessary while providing for effective production of quarry rock; and
  - (ii) limiting removal of topsoil/overburden to periods of favourable weather conditions or maintaining materials in a damp state to avoid dust generation and propagation; and
  - (iii) progressive rehabilitation during the life of the operation; and
  - (iv) designing blast to prevent venting; and
  - (v) installing effective dust collectors at blast hole drilling rigs; and
  - (vi) dampening down of quarry working areas.

**Crushing, Screening and Conveying Operations**

- (B4) The holder of this development approval must take all reasonable and practicable measures necessary to prevent and/or minimise the release of particulate matter and dust to the atmosphere from crushing, screening and conveying equipment. Reasonable and practicable measures may include but are not limited to:

enclosure or shielding of conveyors; and



- (ii) the installation of windshields or barriers to suppress dust emissions; and
- (iii) keeping the material in a moist state; and
- (iv) use of water sprays at transfer points.

#### **Dust Control - Stockpiles**

- (B5) Stockpiles must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or particulate matter to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- (i) use of waterspray as required during winds likely to generate such releases;
  - (ii) use of dust-suppressant shielding; and
  - (iii) storage in bunkers; and
  - (iv) covering with tarpaulins.

#### **Dust Control - Trafficable Areas**

- (B6) Trafficable areas must be maintained using all reasonable and practicable measures necessary to minimise the release of wind blown dust or traffic generated dust to the atmosphere. Reasonable and practicable measures may include but are not limited to:
- (i) keeping surfaces clean;
  - (ii) sealing with bitumen or other suitable material;
  - (iii) using water sprays;
  - (iv) adopting and adhering to speed limits; and
  - (v) using dust suppressants and wind breaks.

- (B7) Any spillages of material onto sealed areas, as a result of delivery or handling, must be cleaned up without delay into storage bins or other suitable receptacles.

#### **Loss of Materials During Transit**

- (B8) The tailgates of all trucks leaving the premises to which this development approval relates must be securely fixed prior to loading to prevent loss of material.
- (B9) The holder of this development approval must take all reasonable and practicable measures necessary to prevent spillage and/or loss of particulate matter or windblown dust from trucks used for transporting extracted material from the premises to which this development approval relates. The reasonable and practicable measures may include but are not limited to:
- (i) wetting down the load prior to transport; and
  - (ii) having the entire load covered with a tarpaulin or similar material for the duration of transport; and
  - (iii) clearing of spillage from side rails, tail gates and draw bars of trucks prior to departure from the premises to which this development approval relates and prior to departure from the premises to which this development approval relates to which the load has been delivered.

Vehicle tyres and under bodies must be sufficiently free of dust and mud, including by being washed and/or cleaned prior to leaving the premises to which this development approval



relates if necessary, so as to ensure that dust and/or mud is not deposited on any public road by vehicles leaving the premises to which this development approval relates.

- (B11) Notwithstanding development conditions B8, B9 or B10 if material is deposited on any public road by vehicles leaving the premises to which this development approval relates clean-up of such material should occur immediately.

#### **Rehabilitation - Dust Control**

- (B12) All disturbed areas must be revegetated as soon as practicable on the completion of extraction operations.

#### **End of Conditions for Schedule B**

#### **SCHEDULE C - WATER**

##### **Release of Contaminants to Waters**

- (C1) Contaminants must not be directly or indirectly released from the premises to which this development approval relates to any waters or the bed and banks of any waters except to a sewer as permitted or otherwise agreed from time to time by the relevant Local Government.

#### **End of Conditions for Schedule C**

#### **SCHEDULE D - STORMWATER MANAGEMENT**

##### **Release of Contaminated Stormwater Runoff**

- (D1) Except as otherwise provided by the conditions of the stormwater management schedule and the water schedule of this development approval, the environmentally relevant activity must be carried out by such practicable means necessary to prevent and/or minimise the release or likelihood of release of contaminated runoff from the premises to which this development approval relates to any stormwater drain or waters or the bed or banks of any such waters.

"Contaminated runoff" for the purposes of this condition means stormwater and/or stormwater runoff that contains contaminants that may cause environmental harm.

##### **Contained Stormwater Runoff**

- (D2) All contaminated stormwater runoff from the stockpile(s) and the areas utilised for the operation of the stockpile(s) and processing areas must be collected and treated in the sediment ponds.

##### **Sediment and Erosion Control**

- (D3) Erosion control and sediment control structures must be maintained at all times during the periods of operation or rehabilitation and checked, repaired or replaced as required after each rain event.
- (D4) Diversion drains, appropriate drainage grades or equivalent must be installed to ensure surface waters from disturbed areas, including operational or trafficable areas, are diverted to the sediment control system(s).



- (D5) All contaminated stormwater/wastewater runoff from the stockpiles and the areas utilised for the operation of the stockpiles must be directed to the sediment control system(s).
- (D6) Drainage through and from all trafficable areas and production activities must be designed to minimise surface flow velocities.

### Sedimentation Ponds

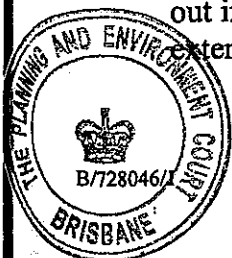
- (D7) All sedimentation ponds used for the storage or treatment of contaminated stormwater/wastewater must be installed and maintained to prevent any discharge through the bed or banks of the pond to any waters (including groundwater).
- (D8) Reasonable and practicable measures must be taken to prevent short-circuiting in sedimentation pond(s) and the sediment control system(s).

Reasonable and practicable measures for ensuring that water does not short circuit within an individual pond include:

- (i) ensuring relatively uniform velocities through the pond; and
  - (ii) ensuring that the pond inlet and outlet are located at opposite ends of the pond along the long axis; and
  - (iii) ensuring that the ponds are periodically desludged to maintain efficiency in the settlement of solids; and
  - (iv) ensuring that sufficient capacity is available within the pond system such that stormwater flows do not flush out settled solids; and
  - (v) ensuring that there are no obstructions, such as vegetation, within the pond, that materially alters the velocities of water flowing through the different sections of the pond.
- (D9) Sediment collected in sedimentation ponds must be removed whenever the volume of the basin is reduced by thirty percent (30%), or on other occasions as required by the administering authority, such as where sediments are contaminated, or where a build-up of sediments has occurred or may occur around the outlet structure.
- (D10) Any ponds used for the storage or treatment of contaminated stormwater/wastewater must be installed and maintained so that there is a freeboard of not less than 0.5 metre, whenever reasonable or practicable.
- (D11) The freeboard specified in (D10) must be reinstated as soon as practicable after a rainfall event.
- (D12) A sediment control system eg: pond(s) used for the storage or treatment of contaminated stormwater/wastewater must be maintained on the site at all times the environmentally relevant activities are carried out and until all remaining disturbed areas are stabilised, by for example rehabilitation.

### Maintenance and Clean up

- (D13) The maintenance and cleaning of vehicles and any other equipment or plant must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or external stormwater drainage system.





- (D14) Any spillage of wastes, contaminants or other materials must be cleaned up as quickly as practicable. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.

#### **Truck Washing System**

- (D15) Contaminated water from the truck washing area containing oily contaminants must be directed to an oil/water separator and then to the sediment ponds.
- (D16) The oil/water separator and the sediment ponds must be installed and maintained by the holder of this development approval to prevent or minimise the release of contaminants to any waters.

#### **Fuel and Chemical Storage Bunding**

- (D17) All chemical tank storage and fuel tank storage must be bunded so that the capacity of the bund is sufficient to contain at least one hundred percent (100%) of the largest storage tank plus ten percent (10%) of the second largest tank within the bund.
- (D18) All chemical drum storage must be bunded so that the capacity of the bund is sufficient to contain at least one hundred percent (100%) of the largest container plus twenty five percent (25%) of the storage capacity up to 10, 000 litre, together with ten percent (10%) of the storage capacity beyond 10, 000 litre.
- (D19) All bunding must be constructed and maintained so as to be are impervious to the materials stored to allow retention and recovery of any materials being contained within the bund.
- (D20) All bunded areas must be roofed where practicable.
- (D21) Where it is impractical to completely roof a bunded area the holder of this development approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.
- (D22) All used empty drums, if stored externally or unroofed, must be stored on a concrete hardstand area or similar impervious material with their closures in place.

#### **End of Conditions for Schedule D**

### **SCHEDULE E - LAND APPLICATION**

#### **Release of Contaminants to Land**

- (E1) There must be no release or the likelihood of release of any contaminants to land that may cause environmental harm or contribute to contamination of the land.

#### **End of Conditions for Schedule E**

### **SCHEDULE F - NOISE**

#### **Emission of Noise**

In the event of a complaint about noise that constitutes intrusive noise being made to the administering authority, that the administering authority considers is not frivolous or



vexatious, then the emission of noise from the premises to which this development approval relates must not result in levels greater than those specified in Schedule F – Table 1.

**SCHEDULE F - TABLE 1**

<b>NOISE LIMITS AT A NOISE SENSITIVE PLACE</b>	
<i>Period</i>	<i>Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level</i>  $L_{Amax\ adj, T}$
7 am - 6 pm	Background noise level plus 5 dB(A)
6 pm - 10 pm	Background noise level plus 5 dB(A)
10 pm - 7 am	Background noise level plus 3 dB(A)
<b>NOISE LIMITS AT A COMMERCIAL PLACE</b>	
<i>Period</i>	<i>Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level</i>  $L_{Amax\ adj, T}$
7 am - 6 pm	Background noise level plus 10 dB(A)
6 pm - 10 pm	Background noise level plus 10 dB(A)
10 pm - 7 am	Background noise level plus 8 dB(A)

### **Blasting - General**

- (F2) All blasting must be carried out in a proper manner by a competent person in accordance with best practice environmental management to minimise the likelihood of adverse effects being caused by the impact of airblast overpressure and ground borne vibrations on sensitive premises and people living in or using the surrounding area.

### **Noise Emissions from Blasting**

- (F3) Blasting activities must be carried out in such a manner that if blasting noise should propagate to a noise-sensitive place, then
- (a) the airblast overpressure must be not more than 115 dB (linear peak) for four (4) out of any five (5) consecutive blasts; and
  - (b) the ground vibration must be:
    - for vibrations of more than 35 Hz-not more than twenty five (25) millimetres per second ground vibration, peak particle velocity; and
    - for vibrations of not more than 35 Hz-not more than ten (10) millimetres per second ground vibration, peak particle velocity.

### **Ground-borne Vibration - General**

The ground-borne vibration transducer [or array] must be attached to a mass of at least 30 kg to ensure good coupling with the ground where the blast site and measurement site cannot



be shown to be on the same underlying strata. The mass shall be buried so that its upper most surface is at the same level as the ground surface.

- (F5) The ground-borne vibration transducer [or array] must be placed at a distance of at least the longest dimension of the foundations of a noise-affected building or structure away from such building or structure between that building or structure and the site of the blasting.

### End of Conditions for Schedule F

## SCHEDULE G - WASTE MANAGEMENT

### General

- (G1) Except as provided for by the conditions of this development approval, the holder of this development approval must not:
- (i) burn waste at or on the premises to which this development approval relates; nor
  - (ii) allow waste to burn or be burnt at or on the premises to which this development approval relates; nor
  - (iii) remove waste from the premises to which this development approval relates and burn such waste elsewhere other than an appropriate licensed waste disposal facility that can lawfully burn such waste.

### Off Site Movement

- (G2) All transport of regulated waste generated in carrying out the environmentally relevant activity must be transported by a proper and appropriate licensed waste transporter that can lawfully transport such waste.
- (G3) All disposal of regulated waste generated in carrying out the environmentally relevant activity must be to a proper and appropriate licensed waste disposal facility that can lawfully accept such waste or to a facility that can lawfully and appropriately reuse and/or recycle such waste, except as specifically provided for under the development conditions of this development approval.
- (G4) Where regulated waste is removed from the premises to which this development approval relates (other than by a release as permitted under another schedule of this development approval), the holder of this development approval must monitor and keep records of the following:
- (a) the date, quantity and type of waste removed;
  - (b) the name of the waste transporter and/or disposal operator that removed the waste; and
  - (c) the intended treatment/disposal destination of the waste.

(NOTE: Records of documents maintained in compliance with a waste tracking system established under the *Environmental Protection Act 1994* or any other law for regulated waste will be deemed to satisfy this condition.)

### Notification of Improper Disposal of Regulated Waste

- (G5) If the holder of this development approval becomes aware that a person has removed regulated waste from the premises to which this development approval relates and disposed



of the regulated waste in a manner which is not authorised by this development approval or is improper or unlawful, then the holder of this development approval must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

### End of Conditions for Schedule G

## SCHEDULE H - SELF MONITORING AND REPORTING

### Complaint Recording

- (H1) All complaints received by the holder of this development approval relating to releases of contaminants from operations at the premises to which this development approval relates must be recorded in a log and kept with the following details:
- (i) time, date and nature of complaint;
  - (ii) type of communication (telephone, letter, personal etc.);
  - (iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
  - (iv) response and investigation undertaken as a result of the complaint;
  - (v) name of person responsible for investigating complaint; and
  - (vi) action taken as a result of the complaint investigation and signature of responsible person.

### Ambient Dust Monitoring

- (H2) In the event of a complaint about dust the holder of this development approval must undertake monitoring of ambient air for particulates to investigate such a complaint upon written request from the administering authority.
- (H3) In carrying out an investigation as a result of a complaint referred to in Condition H2, sampling must be undertaken at appropriate locations to determine the impact of particulates at the locations allegedly affected by the particulates. The selection of monitoring point(s) must be specific to the location of the complaint but must include upwind location(s) and relevant potentially impacted location(s).
- (H4) In carrying out an investigation as a result of a complaint referred to in Condition H2, analysis of dust deposition samples must be carried out monthly for a period of not less than three months in a year. Dust samples must be analysed for the following:
- (i) total water insoluble dust in milligrams; and
  - (ii) dust fallout in milligrams/square metre/day.
- (H5) In carrying out an investigation as a result of a complaint referred to in Condition H2, a representative number of samples must be collected for the determination of ambient air suspended particulate matter with aerodynamic diameter less than 10 micrometer ( $\mu\text{m}$ ).
- (H6) The samples must be collected and analysed in accordance with the requirements of Australian Standard AS 3580.10.1 -1991 "Determination of particulates - Deposited matter - Gravimetric method" for the dust deposition, and, Australian Standard AS 3580.9.6 "Ambient air - Particulate matter - Determination of suspended particulate  $\text{PM}_{10}$  high-volume sampler with size-selective inlet - Gravimetric Method" for the suspended



particulate matter with aerodynamic diameter less than 10 micrometer ( $\mu\text{m}$ ); or an alternative method permitted in the "Air Quality Sampling Manual" published by the Department of Environment first edition, November 1997, or more recent editions or supplements to that document as such become available.

- (H7) All measurement and reporting of particulates in ambient air must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

### Noise, Blasting and Ground Vibration Monitoring

- (H8) For the purposes of investigating complaint of noise annoyance and for checking compliance with conditions F1, F3 and F5 of the Noise Schedule F, monitoring of the noise levels and ground vibration from the environmentally relevant activities must be undertaken for at least the following descriptors, characteristics and conditions:

- (i)  $L_{Amax, adj. T}$
- (ii)  $L_{A_{bg, T}}$  (or  $L_{A90, T}$ );
- (iii)  $L_{AN, T}$  (where N equals statistical levels of 1, 10, 50, 90 and 99);
- (iv)  $Max L_{pA, T}$ ;
- (v)  $L_{A_{eq, T}}$ ;
- (vi) The level and frequency of occurrence of impulsive or tonal noise;
- (vii) Atmospheric conditions including temperature, relative humidity and wind speed and direction;
- (viii) Effects due to extraneous factors such as traffic noise;
- (ix) Overpressure level (dB linear peak) (for blast monitoring only);
- (x) Peak particle velocity (for ground vibration monitoring only); and
- (xi) Location, date and time of recording.

- (H9) In the event of a complaint about noise, the holder of this development approval must undertake monitoring of noise to investigate such a complaint upon written request from the administering authority to carry out such monitoring.

- (H10) The following information must be recorded in conjunction with the measurement and recording of the noise:

- (i) location of monitoring point(s); and
- (ii) date monitoring undertaken; and
- (iii) time monitoring commenced and ceased.

- (H11) The method of measurement and reporting of noise levels must comply with the Environment Protection Agency's Noise Measurement Manual, Third Edition, March 2000, or more recent additions or supplements to that document as become available.

- (H12) The measurement and reporting of noise levels must be undertaken by a person or company possessing appropriate experience and qualifications to perform the required measurements.

### Noise Monitoring - Blasting

- (H13) For the purpose of checking compliance with condition F3 of the Noise Schedule F, monitoring and recording of airblast overpressure level (dB linear peak) from blasting must be undertaken for each blast at the monitoring points described as:



- Residence R1 as located in Figure 13.2 of report entitled "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000; and
- Residence R2 as located in Figure 13.2 of report entitled "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000.

Provided that owners and occupants of Residences R1 and R2 give written permission for the holder of this development approval to enter upon their land for monitoring and recording airblast overpressure.

#### Noise Monitoring - Ground Vibration

(H14) For the purpose of checking compliance with condition F5 of the Noise Schedule F, monitoring and recording of peak particle velocity from blasting must be undertaken for each blast at the monitoring points described as:

- Residence R1 as located in Figure 13.2 of report entitled "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000; and
- Residence R2 as located in Figure 13.2 of report entitled "Development Proposal Report, Bromelton Quarry", prepared by Kershaw and Co., September 2000.

Provided that owners and occupants of Residences R1 and R2 give written permission for the holder of this development approval to enter upon their land for monitoring and recording of peak particle velocity from blasting.

#### Incident Recording

(H15) A record must be maintained of events including but not limited to:

- (i) the time, date and duration of equipment malfunctions, that may affect the environmental performance of the premises to which this development approval relates; and
- (ii) any shut-downs of equipment upon which the environmental performance of the premises to which this development approval relates depends.
- (iii) any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

#### Notification of Emergencies and Incidents

(H16) Where the holder of this development approval has not given notification to the administering authority under section 320 the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the development conditions of this development approval, the holder of this development approval must notify the administering authority of the release by telephone or facsimile.

(H17) Where the holder of this development approval has not given notification to the administering authority under section 320 the Environmental Protection Act, the notification of emergencies or incidents as required by condition H16 must include but not be limited to the following:

- the holder of the development approval;
- the location of the emergency or incident;



- (iii) the number of the development approval;
- (iv) the name and telephone number of the designated contact person;
- (v) the time of the release;
- (vi) the time the holder of the development approval became aware of the release;
- (vii) the suspected cause of the release;
- (viii) the environmental harm caused, threatened, or suspected to be caused by the release; and
- (ix) actions taken to prevent further any release and mitigate any environmental harm caused by the release.

(H18) Where the holder of this development approval has not given notification to the administering authority under section 320 of the Environmental Protection Act, not more than fourteen (14) days following the initial notification of an emergency or incident, the holder of the development approval must provide written advice of the information supplied in accordance with condition H17 in addition to:

- (i) proposed actions to prevent a recurrence of the emergency or incident;
- (ii) outcomes of actions taken at the time to prevent or minimise environmental harm; and
- (iii) the results of any environmental monitoring performed.

### Reporting

(H19) The holder of this development approval must ensure that the results of all monitoring performed in accordance with this development approval for the period covered by the annual return must be kept at the premises to which this development approval relates.

### Exception Reporting

(H20) The holder of this development approval must notify the administering authority in writing within twenty-eight (28) days of completion of analysis of any result of a monitoring program required by a condition of this development approval that indicates an exceedance of any limit specified in this development approval.

(H21) The written notification required by condition H20 must include:

- (i) the full analysis results;
- (ii) details of investigation or corrective actions taken; and
- (iii) any subsequent analysis.

**End of Conditions for Schedule H**



## SCHEDULE I - DEFINITIONS

For the purposes of this development approval the following definitions apply:

- (I1) For the purposes of this development approval any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the definitions schedule of this development approval has the meaning conferred to that term in its common usage.
- (I2) In the event of any inconsistency arising between the meaning of any term provided in the definitions schedule of this development approval and any common usage of that term, the meaning conferred in the definitions schedule of this development approval prevails.
- (I3) "Act" means the *Environmental Protection Act 1994*.
- (I4) "administering authority" means the Environmental Protection Agency or its successor.
- (I5) "land" in the "land schedule" of this development approval means land excluding waters and the atmosphere.
- (I6) "authorised person" means an authorised person as defined under the *Environmental Protection Act 1994*.
- (I7) "holder" means the owner, the owners successors in title and any occupier of the premises to which this development approval relates. [*Integrated Planning Act 1997*, Section 3.5.28].
- (I8) "annual return" means the return required by the annual notice (under section 316 the Environment Protection Act, 1994) for the section 86(2) licence that applies to the development approval.
- (I9) "commencement" for this development approval means the first day that the activity become operational.

### Air

- (I10) "AS3580.10" means Australian Standard AS3580.10 - 1991 "Methods for sampling and analysis of ambient air - Determination of particulates - Deposited matter - Gravimetric method".
- (I11) "AS 3580.9.6" means Australian Standard AS 3580.9.6 "Ambient air - Particulate matter - Determination of suspended particulate PM<sub>10</sub> high-volume sampler with size-selective inlet - Gravimetric Method".

### Water

- (I12) "waters" includes the bed and/or banks of any water(s), stormwater runoff and any part of a river, stream, lake, lagoon, pond, dam, swamp, wetland, unconfined surface water, underground water, unconfined water, natural or artificial watercourse, non tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter.
- (I13) "release" of a contaminant into the environment includes -
- (a) to deposit, discharge, emit or disturb the contaminant;
  - (b) to cause or allow the contaminant to be deposited, discharged, emitted or disturbed;
  - (c) to fail to prevent the contaminant from being deposited, discharged, emitted or disturbed;
- to allow the contaminant to escape; and  
to fail to prevent the contaminant from escaping.





**Noise**

- (I14) "Background noise level" means  $L_{A90,T}$  being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response.
- (I15) " $L_{Amax,adj,T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.
- (I16) " $MaxL_{pA,T}$ " means the maximum A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.
- (I17) "noise sensitive place" means -
- (a) a dwelling, mobile home or caravan park, residential marina or other residential premises; or
  - (b) a motel, hotel or hostel; or
  - (c) a kindergarten, school, university or other educational institution; or
  - (d) a medical centre or hospital; or
  - (e) a protected area; or
  - (f) a public park or gardens.
- (I18) "commercial place" means a place used as an office or for business or commercial purposes.
- (I19) "intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -
- (a) is clearly audible to, or can be felt by, an individual; and
  - (b) annoys the individual.
- in determining whether a noise annoys an individual and is unreasonably intrusive, regard must be had to Australian Standard 1055.2 - 1997 Acoustics - Description and Measurement of Environmental Noise Part 2 - Application to Specific Situations.
- (I20) "protected area" means -
- (a) a protected area under the Nature Conservation Act 1992; or
  - (b) a marine park under the Marine Parks Act 1982; or
  - (c) a World Heritage Area.
- (I21) "dwelling" means any of the following structures or vehicles that is principally used as a residence:
- (a) a house, unit, motel, nursing home or other building or part of a building;
  - (b) a caravan, mobile home or other vehicle or structure on land; and
  - (c) a watercraft in a marina.

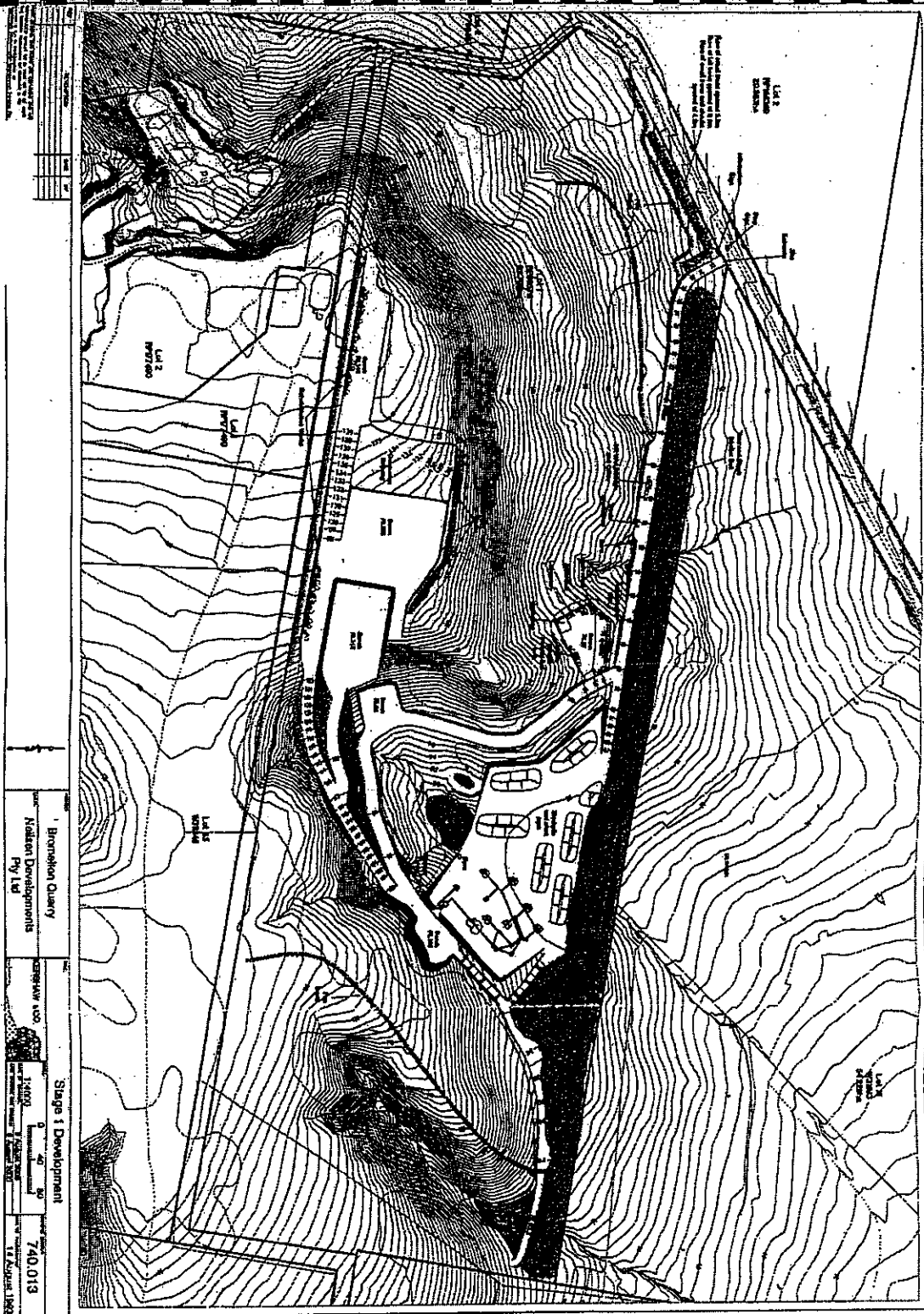
**Waste**

- (I22) "regulated waste" means non-domestic waste mentioned in Schedule 7 of the Environmental Protection Regulation 1998 (whether or not it has been treated or immobilised), and includes:
- (a) for an element - any chemical compound containing the element; and
  - (b) anything that has contained a regulated waste.

**End of Conditions for Schedule I**

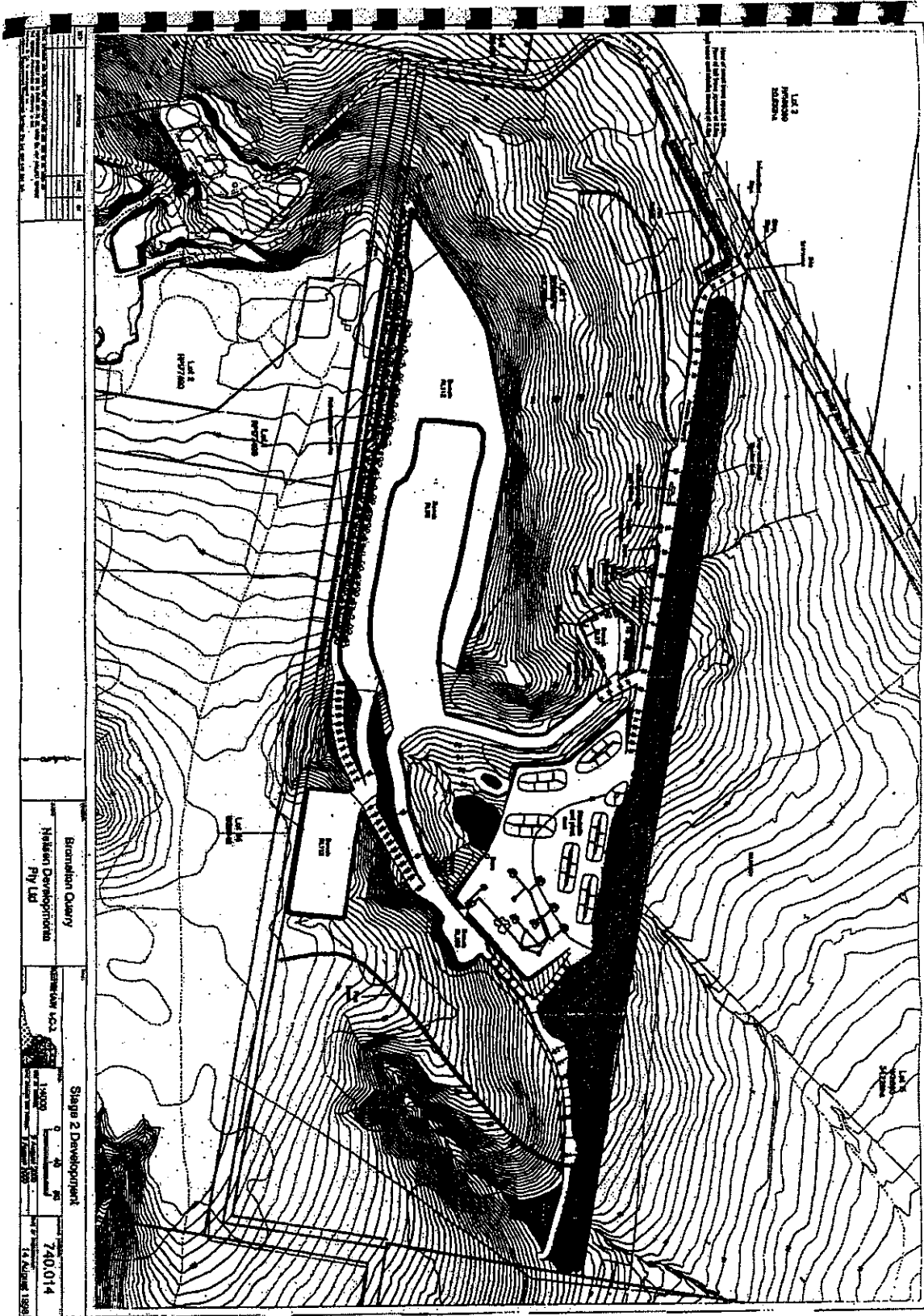


# SCHEDULE J - PLAN OF DEVELOPMENT



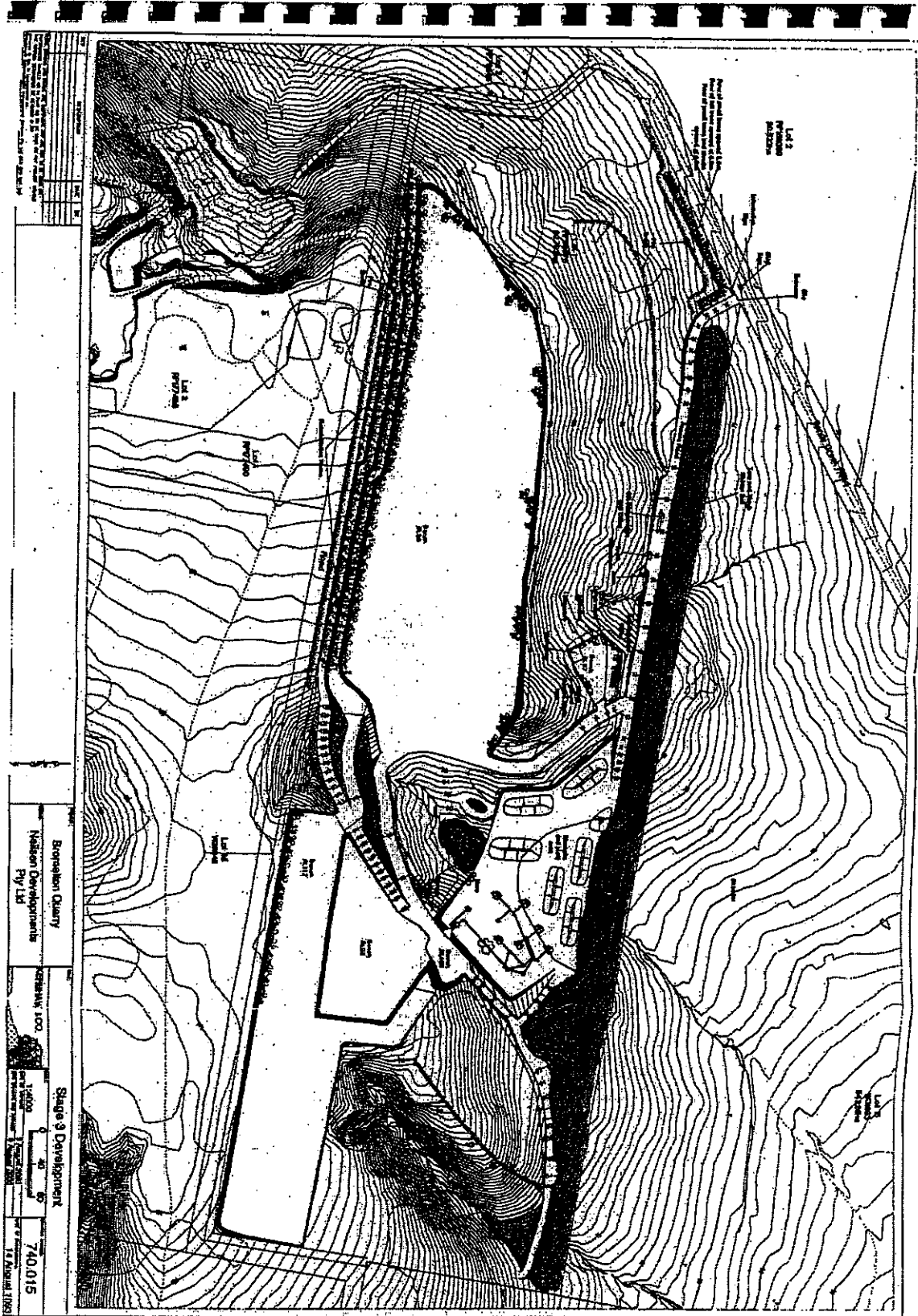
Stage 1 Development





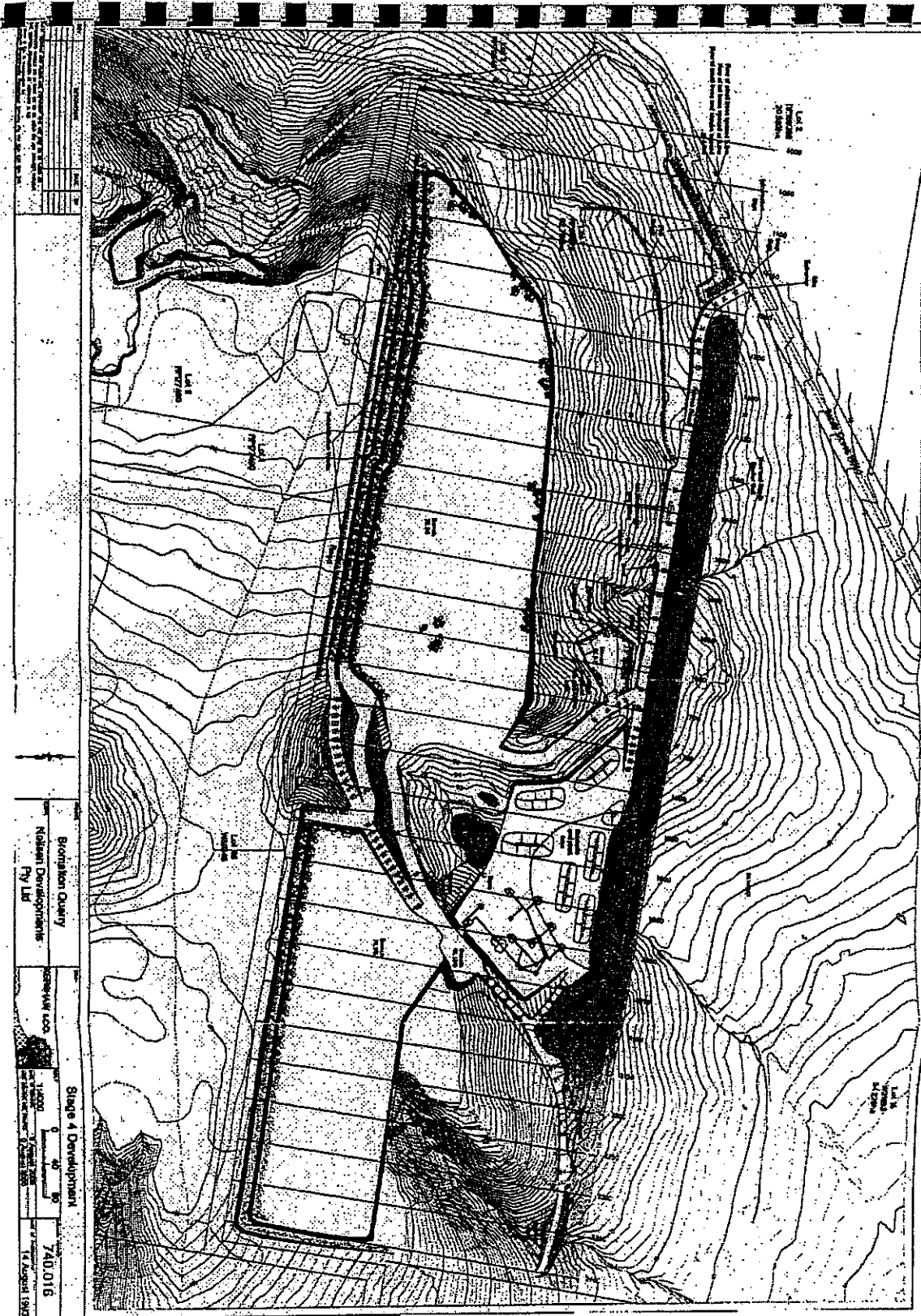
Stage 2 Development





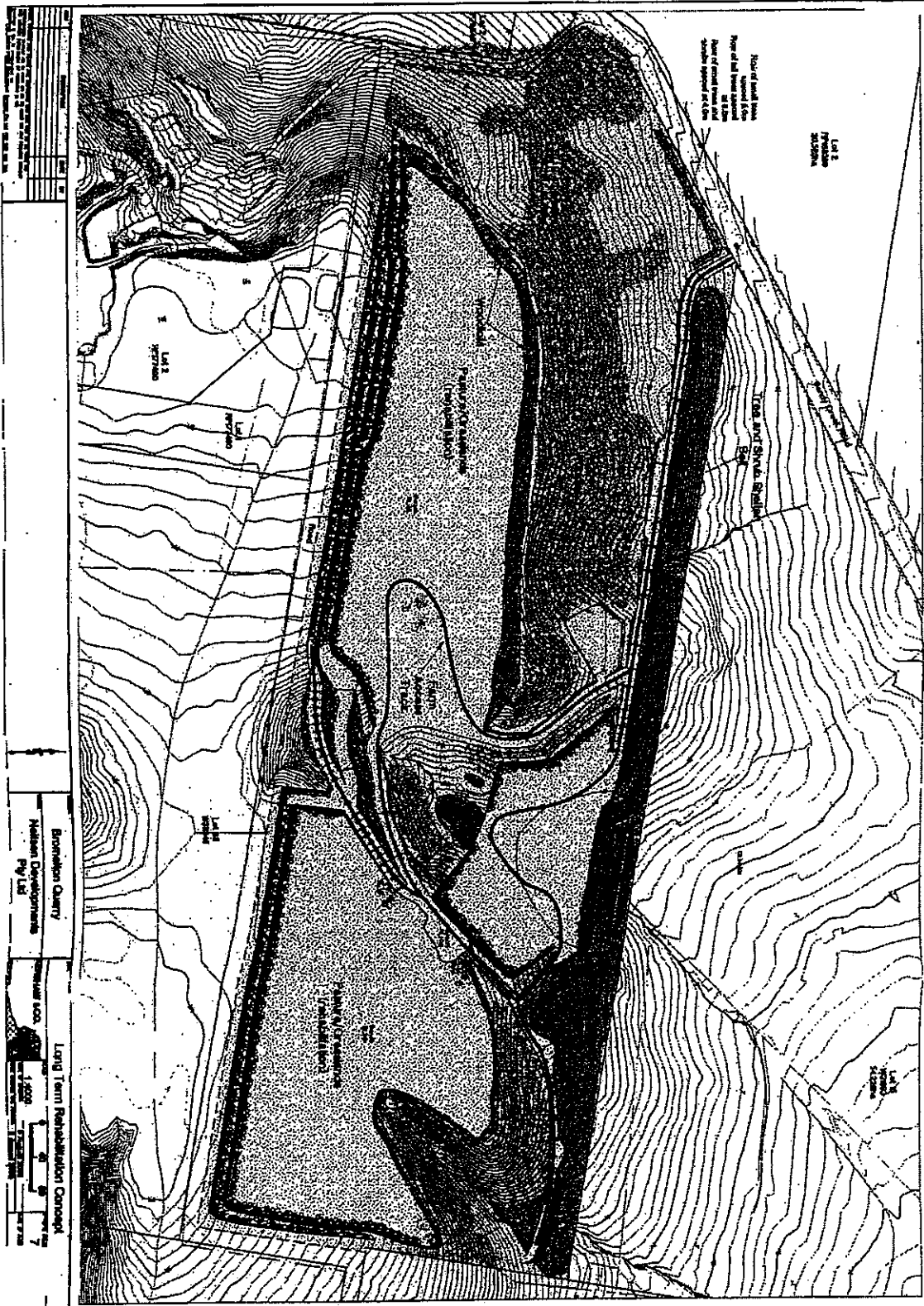
Stage 3 Development





Stage 4 Development

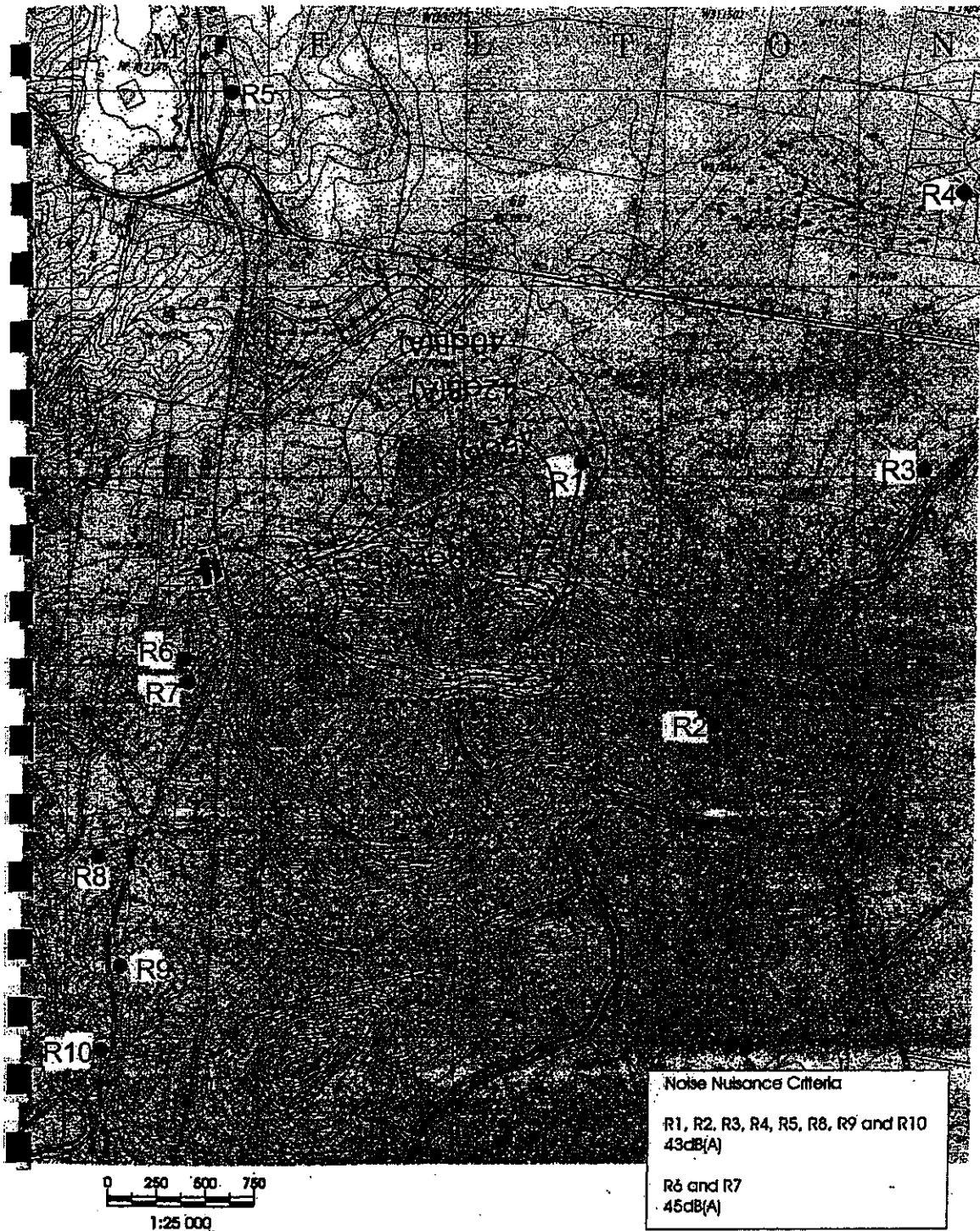




Long Term Rehabilitation Concept







 REF: N4, N4L, CDR	PROJECT: <b>BROMELTON QUARRY</b>	TITLE: <b>Noise Contours (Neutral Weather Conditions)</b>
	CLIENT: <b>NEILSEN DEVELOPMENTS PTY LTD</b>	DATE: <b>21 AUGUST 2000</b>

**Noise Monitoring - Blasting and Vibration**

**End of Conditions for Schedule J**



## Further Approvals Required

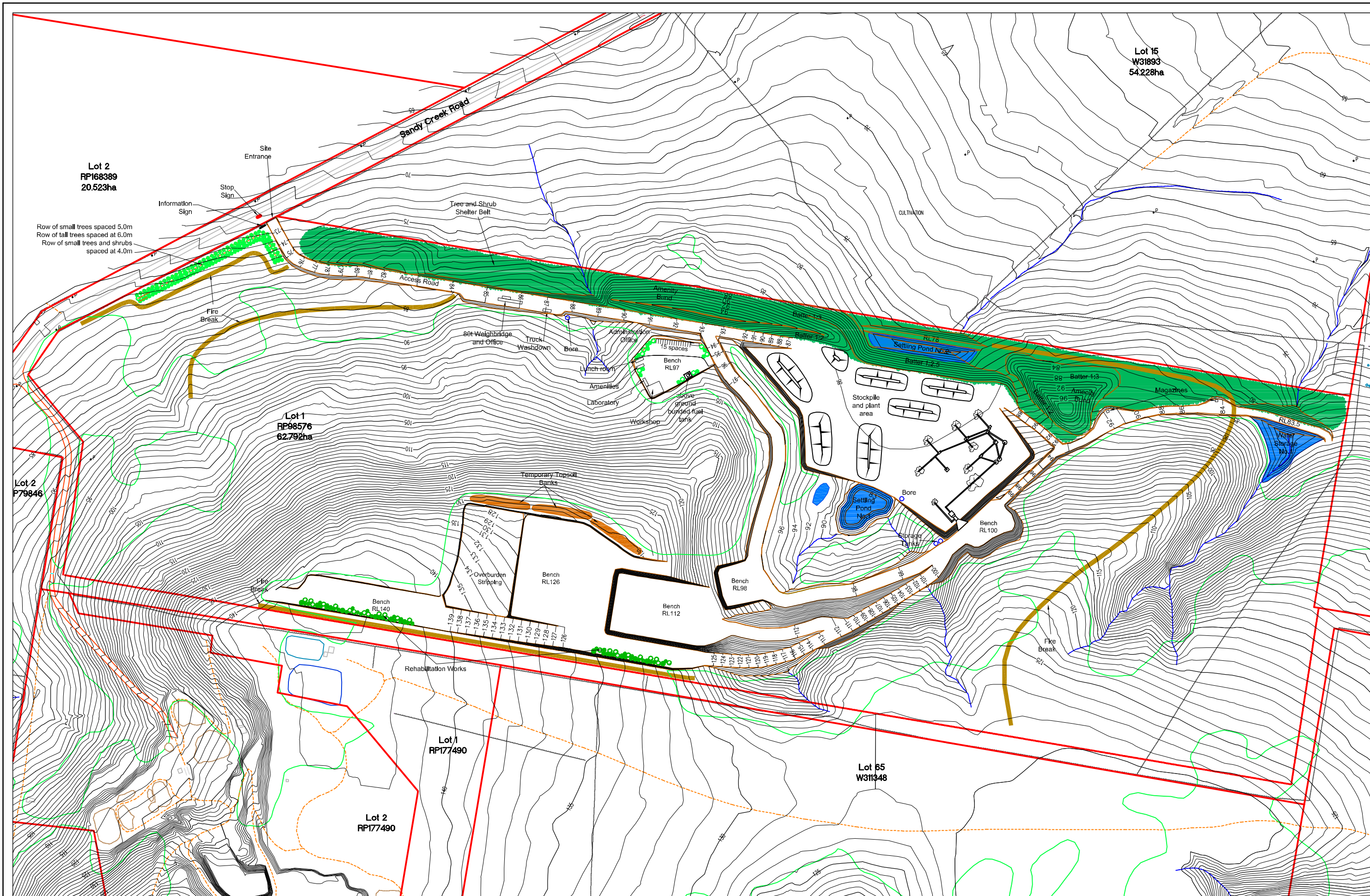
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The following further approvals are required:

- a) A Development Permit is required for Operational Work for the design of the access intersection, internal road systems and parking areas.  
For further information on this aspect please contact Council's Civil Operations Department on 07 5540 5175.
- b) A Development Permit is required for Operational Work for the control and disposal of stormwater.  
For further information on this aspect please contact Council's Civil Operations Department on 07 5540 5175.
- c) A Development Permit is required for Operational Work for the control of soil erosion and silt movement.  
For further information on this aspect please contact Council's Civil Operations Department on 07 5540 5175.
- d) A Development Permit is required for Drainage, Plumbing and Operational Work for waste water disposal.  
For further information on this aspect please contact Council's Civil Operations Department on 07 5540 5175.
- e) A Development Permit is required for Plumbing and Operational Work for water supply.  
For further information on this aspect please contact Council's Civil Operations Department on 07 5540 5175.
- f) A Development Permit for Building Work for all structures authorised by this approval. The Development Application for this approval must be in accordance with the provisions of the Building Act 1975, as amended, Sewerage & Water Supply Act 1949, including Standard Sewerage Law and Standard Water Supply Law, and subsequent completion of building work as approved including compliance with any conditions imposed.  
For further information on this aspect please contact Council's Development and the Environment Department on 07 5540 5161.







REV	DESCRIPTION	DATE	BY

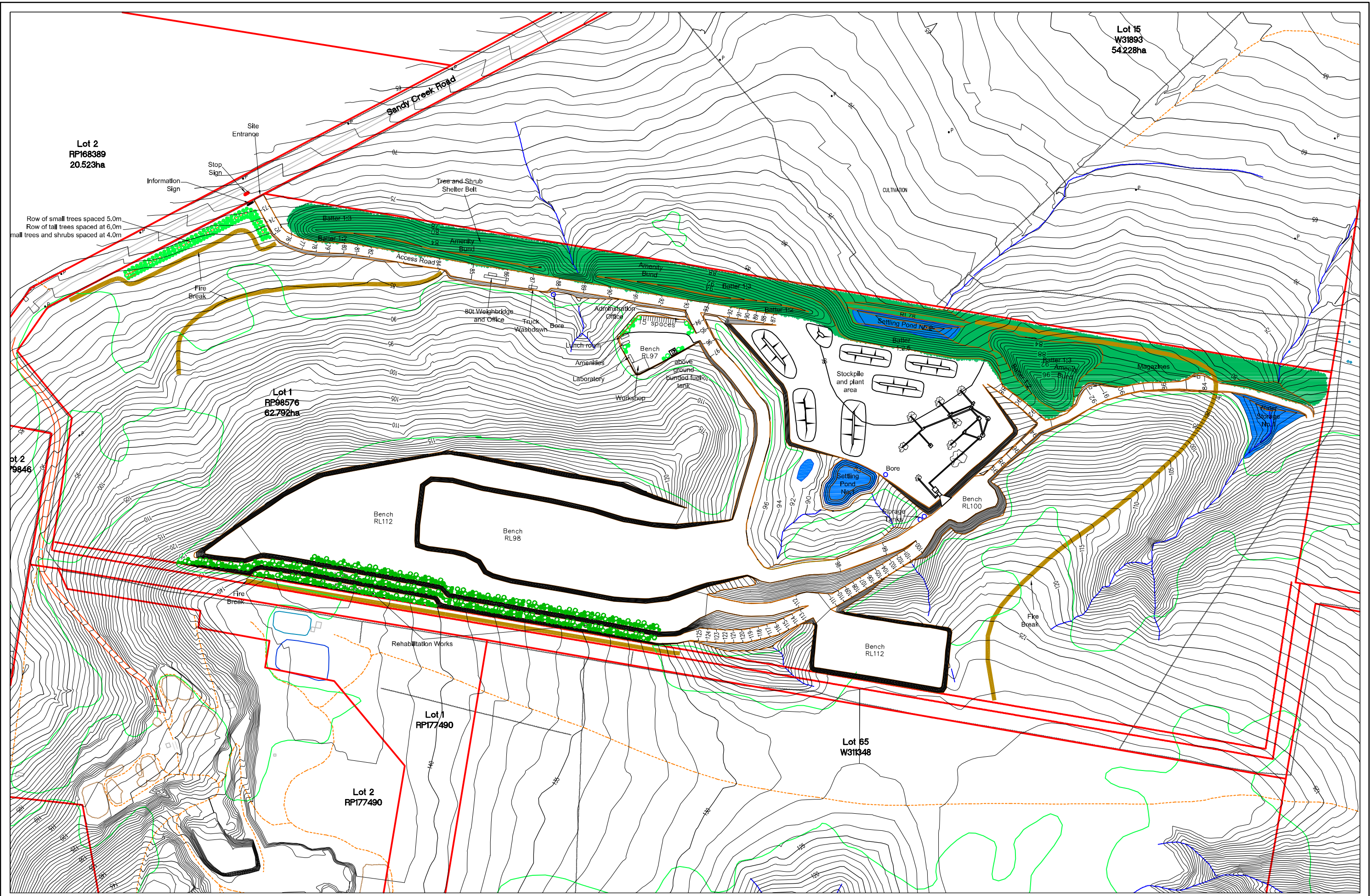
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PROJECT: Bromelton Quarry  
 CLIENT: Neilsen Developments Pty Ltd

TITLE: Stage 1 Development  
 SCALE: 1:4000  
 DATE OF DRAWING: 9 August 2000  
 DATE DRAWING WAS PRINTED: 9 August 2000

DRAWING NUMBER: 740.013  
 DATE OF PHOTOGRAPHY: 14 August 1993





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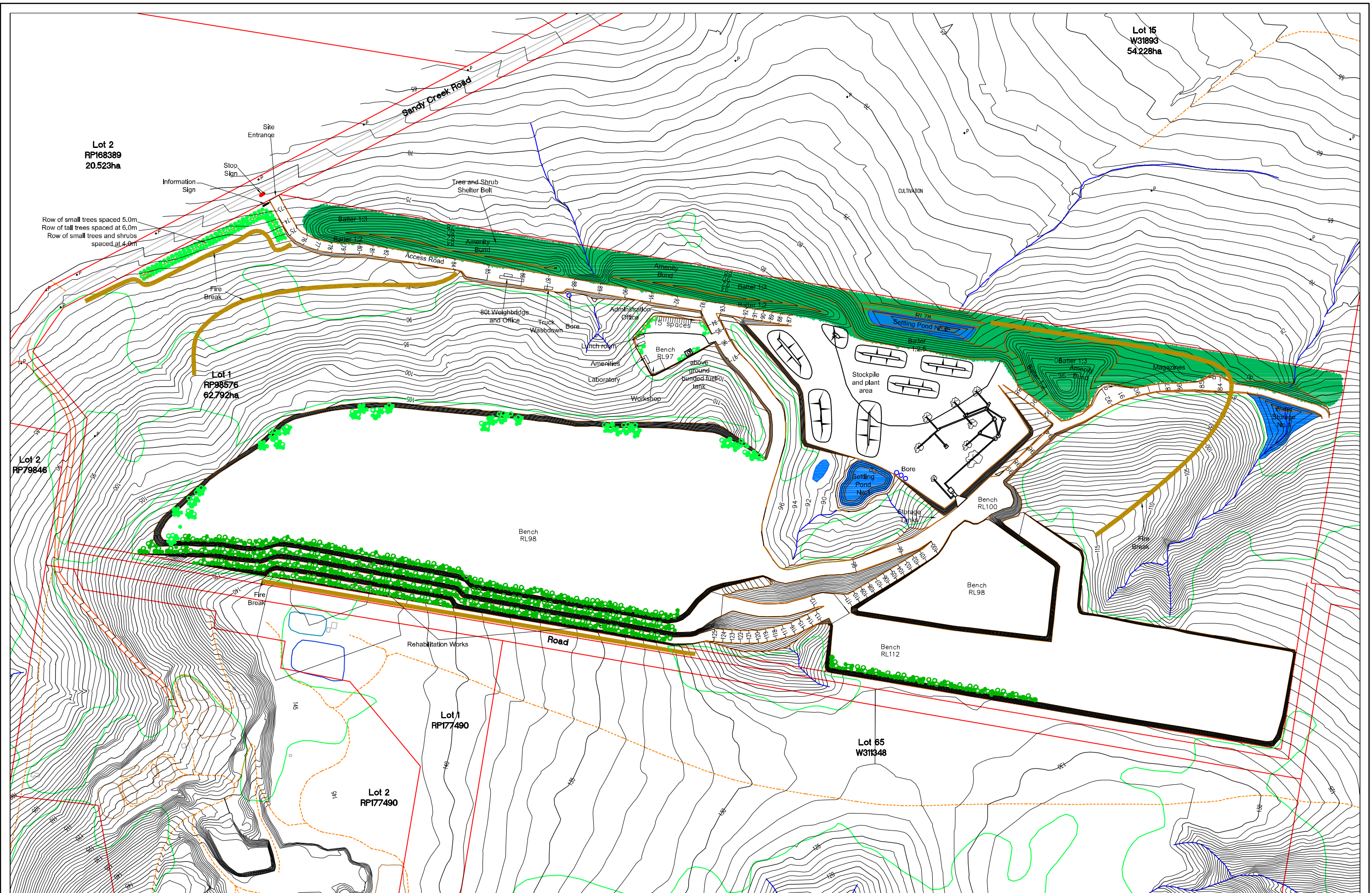
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 CLIENT: Neilsen Developments Pty Ltd

TITLE: Stage 2 Development  
 SCALE: 1:4000  
 DATE OF DRAWING: 9 August 2000  
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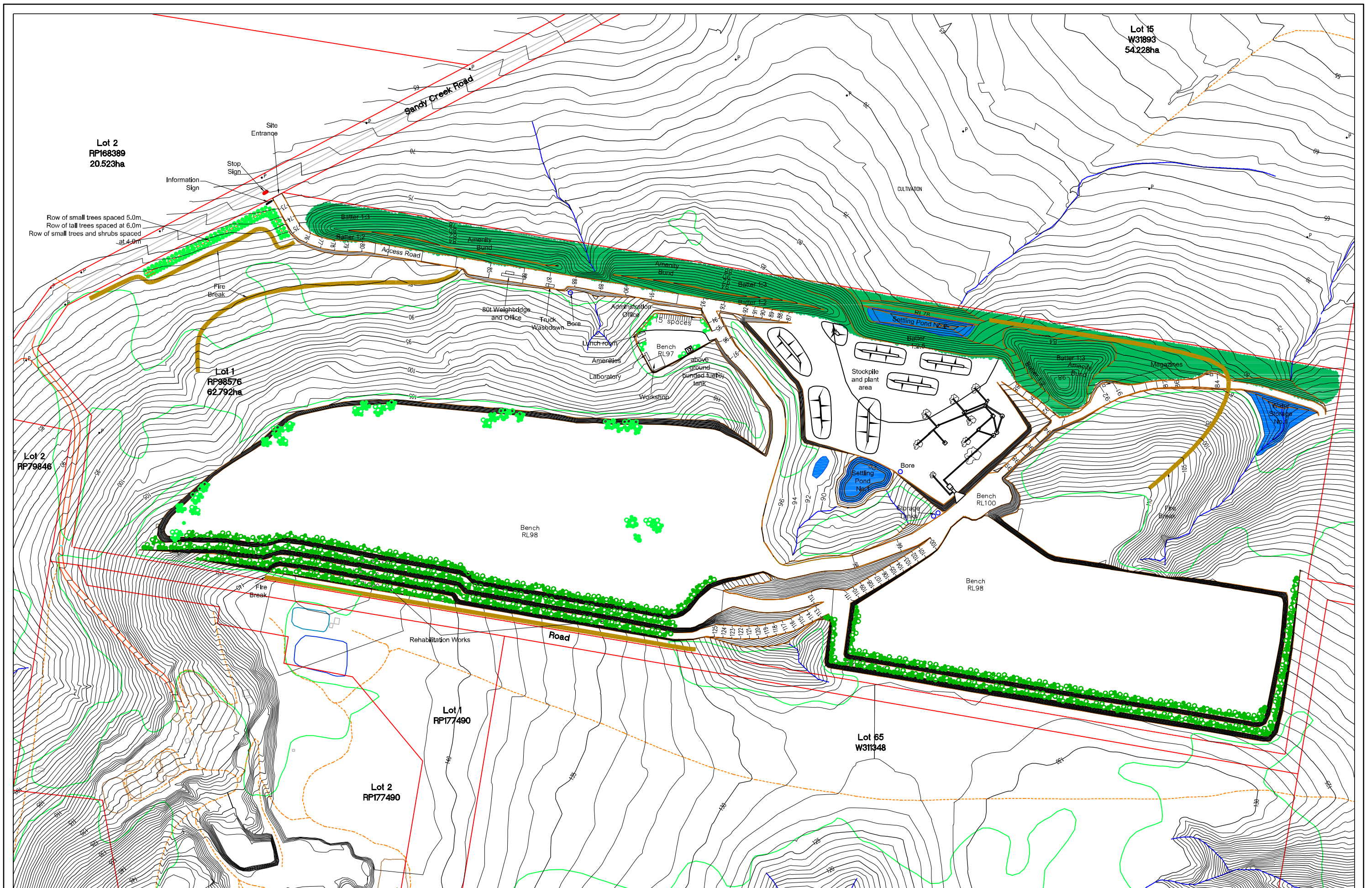
PROJECT: Bromelton Quarry  
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TITLE: Stage 3 Development  
 SCALE: 1:4000  
 DATE OF DRAWING: 9 August 2000  
 DATE DRAWING WAS PRINTED: 9 August 2000

DRAWING NUMBER: 740.015  
 DATE OF PHOTOGRAPHY: 14 August 1993





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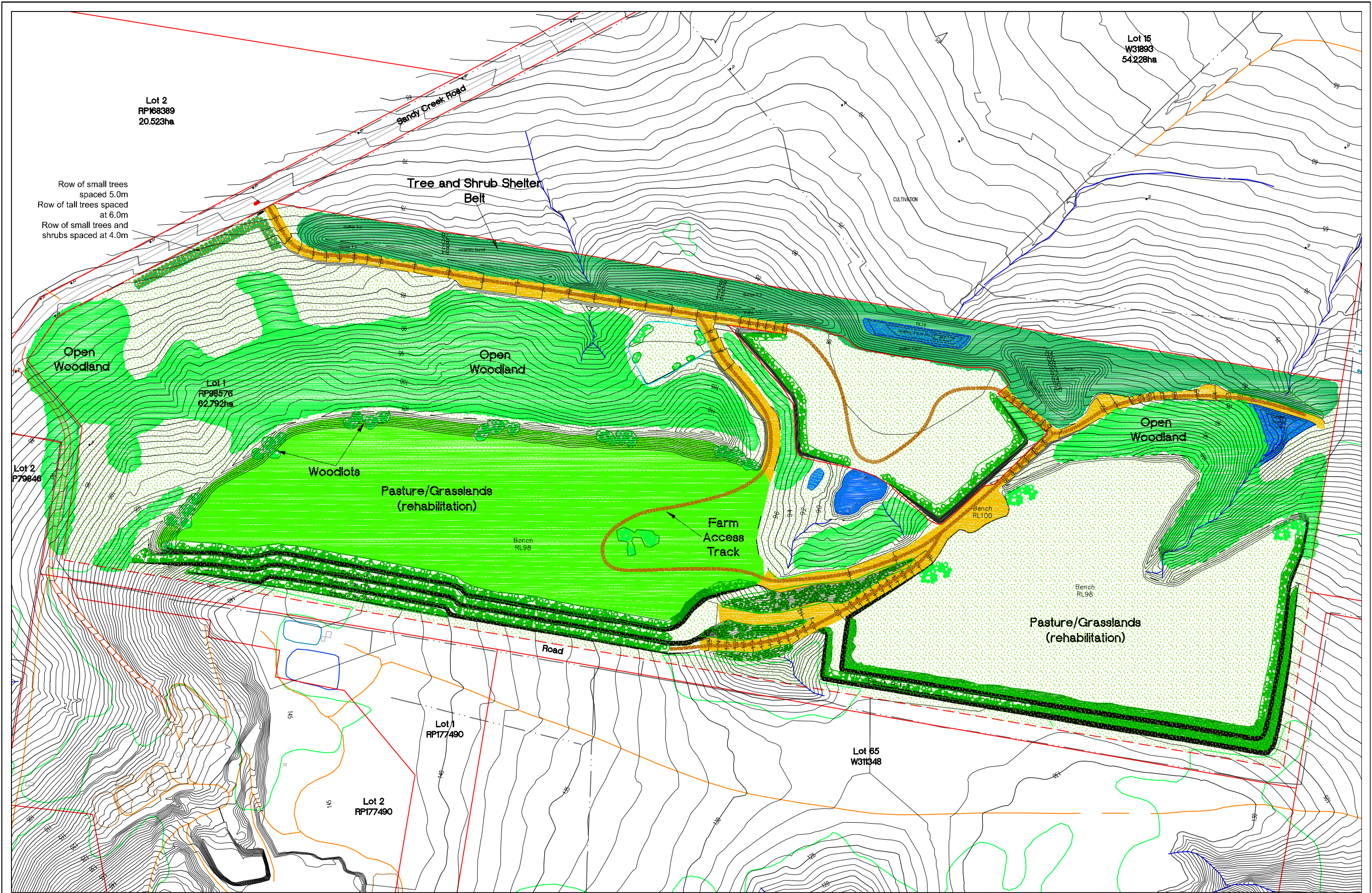
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PROJECT: Bromelton Quarry  
 CLIENT: Neilsen Developments Pty Ltd

TITLE: Stage 4 Development  
 SCALE: 1:4000  
 DATE OF DRAWING: 9 August 2000  
 DATE DRAWING WAS PRINTED: 9 August 2000

DRAWING NUMBER: 740.016  
 DATE OF PHOTOGRAPHY: 14 August 1993

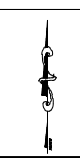




Row of small trees spaced 5.0m  
 Row of tall trees spaced at 6.0m  
 Row of small trees and shrubs spaced at 4.0m

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PROJECT: Bromelton Quarry  
 CLIENT: Neilsen Developments Pty Ltd

TITLE: Long Term Rehabilitation Concept

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