

LONGFORD COUNTY COUNCIL

PLANNING AND DEVELOPMENT ACTS 2000 -2004

DECISION

To: Cemex(R.O.I) Limited
c/o Conor Wall
Golder Associates(Ireland) Ltd.
Town Centre House
Dublin Road
Naas, Co. Kildare

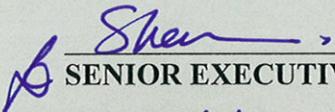
Planning Reference No: 07/831

Date of Receipt of Application: 03/08/2007

"Notice is hereby given that in pursuance of the Powers conferred upon them by the above-mentioned Acts Longford County Council has by order dated 27th September, 2007 decided to Grant Planning Permission to the above named:"

RETENTION for development consequent to the provisions of Section 261 of the Planning and Development Act, 2000. The Section 261 Registration Number of the subject site is Longford County Council QY/02. The development consists of the continuation of quarrying activities over an area of 11.8 ha. The development also consists of the retention and continuation of quarrying activities over an area of 10.9 ha. at Aughamore Upper, Aughnaccliffe, Co. Longford.

Signed on behalf of LONGFORD COUNTY COUNCIL


SENIOR EXECUTIVE OFFICER

DATE 27/9/07.

Schedule of Conditions:

As per attached, see condition no 1 - 16

Provided there is no appeal against this decision, a grant of Planning Permission will issue as soon as may be, but not earlier than 3 working days, after the expiration of the period for making of an appeal, if there is no appeal before the Board on the expiration of the said period.

This NOTICE is not a grant of Permission and work should not be commenced until Planning Permission is issued.

Note: The applicant is advised that he / she is required to comply with the requirements of the Building Control Act, 1990.

Note: In deciding a planning application the Planning Authority, in accordance with Section 34(3) of the Act, has regard to submissions or observations received in accordance with the Planning and Development Regulations, 2006.

Appeals:- An appeal against the above decision may be made to An Bord Pleanala. The Applicant for permission may appeal within the period of 4 weeks beginning on the date of the decision. Any person, body or interested group who made submissions or observations in writing to the planning authority in relation to the planning application may appeal to the Board within the period of 4 weeks beginning on the date of the decision of the planning authority. Full details of the requirement to make an appeal are available from An Bord Pleanala, 64 Marlborough Street, Dublin 1. Telephone number (01) 858 8100 www.pleanala.ie

No.	Condition	Reason for Condition
1.	The development shall be retained and carried out in its entirety in accordance with the plans, particulars and specifications, including the Environmental Impact Statement, lodged as part of the application, save as may be required by any other Statutory Regulations pertaining to it and the other conditions attached hereunder.	To ensure that the development shall be in accordance with the permission and that effective control can be maintained.
2.	The applicant/quarry operator shall ensure that all proposed mitigation measures set out in the Environmental Impact Statement submitted with the application are fully implemented in the carrying out of the development and operation of the site.	In order to ensure that the developmental environmental considerations shall be in accordance with the permission and that effective control can be maintained.
3.	<p>HOURS OF OPERATION</p> <p>Normal quarrying and processing operations shall be confined to the hours between 07.00 and 18.00, Monday to Friday inclusive (excluding Bank Holidays), and between 07.00 and 13.00 on Saturdays except for the tarmac batching plant where the morning start-up may commence from 06.00 hours and no quarrying, processing or associated activities shall be carried out on Sundays or Public Holidays. Any exception(s) to this shall only be made following the receipt of the written agreement of the Planning Authority and where special or exceptional circumstances may apply.</p>	In the interests of residential amenity and of proper planning and development.
4.	<p>NOISE CONTROL MEASURES</p> <p>(i) Equivalent sound levels attributable to all on-site operations associated with the proposed development shall not exceed 55dB(A) (Leq 1 hour) over a continuous one hour period between the hours of 08.00 and 20.00, when measured <u>at all sensitive locations</u> in the vicinity of the site. Sound levels shall not exceed 45 dB(A) (Leq 15 minutes) at any other time. Audible tonal or impulsive components in noise emissions should be minimised at any noise-sensitive locations.</p> <p>(ii) Adequate noise control measures including such measures as the provision of embankment barriers and baffle mounds shall be undertaken so that sound pressure levels generated by the development when measured at any dwelling in the vicinity of the site shall not exceed the limits outlined in the preceding paragraph. Stripping of topsoil and creation of acoustic berms may result in raised noise levels. To</p>	In the interests of residential amenity and of proper planning and development.

	<p>this end, maximum hourly Leq Values of 61 dB(A) shall not be exceeded at any sensitive receptors. These maximum levels shall pertain for no longer than 25 days equivalent at the nearest residence when the berms are being constructed.</p> <p>(iii) All of the noise mitigation measures, as outlined in the submitted EIS, shall be undertaken to offset noise pollution. Ongoing independent Environmental Monitoring shall be carried out to the satisfaction of Longford County Council and action taken if systematic increases are detected at noise sensitive locations.</p>	<p style="color: red; text-align: right;">RECEIVED: 10/05/2023</p>
<p>5.</p>	<p>DUST CONTROL MEASURES</p> <p>(i) Dust abatement measures shall be employed on the site at all times to ensure that total dust depositions (soluble and insoluble) arising from the on-site operations shall not exceed 350 mg/m²/day averaged over a continuous period of thirty days at any position along the boundary of the development. A competent independent contractor shall carry out dust measurement on a quarterly basis. Measures to mitigate dust pollution shall include the provision of water sprays during the dry weather at the screens and rock crushers and also on the site access roadway.</p> <p>(ii) The wheels of all vehicles transporting rock material from the site onto the public road shall, prior to the exit of such vehicles onto the public highway, be washed in a wheel washing facility, which shall be installed <u>within 2 (no.) months of the date of this permission</u> and be located, constructed and operated in accordance with the submitted EIS. Dust from the site shall be reduced by water spray on belts and/or stockpiles, provision of dust sheets on fine aggregates transported in lorries, ground spraying during dry conditions including the public roadway in the vicinity of the site entrances and the spraying of vehicles transporting dust producing products. The access roads from the public road to the working areas shall be watered at intervals during dry weather and runoff from the access roads shall be drained to suitable designed receptors. All public roads shall be maintained free of dust, and other debris originating from the proposed development.</p> <p>(iii) A Complaints Register shall be maintained on-site and where any complaints relating to dust emissions are submitted, they shall be dealt with immediately.</p> <p>(iv) The dust level measured on the Bergerdoff Dust gauges shall be in accordance with TA Luft Limits of 350mg/m²/day. The location and number of such</p>	<p>In the interests of residential amenity, traffic safety and control of pollution.</p>

RECEIVED: 10/05/2023

	<p>gauges shall be agreed with Longford County Council.</p> <ul style="list-style-type: none">(v) The applicant/quarry operator shall take all necessary precautions to prevent damage being caused by wind blown dust to neighbouring land and/or properties.(vi) Dust shall be suppressed to the satisfaction of the Planning Authority at any point at which it may occur and the dust suppression equipment shall be operative before crushing or screening operations commence. All machinery generating dust shall be provided with dust extraction facilities. Should the dust suppression equipment break down at any time, that portion of the development, which would be affected, shall be shut down until such time as the dust suppression equipment is again working satisfactorily.(vii) In the event of concerns arising from the public or the Planning Authority, indicating levels in excess of the permitted background levels, the Planning Authority may, at their own discretion, instruct additional monitoring at the expense of the developer.(viii) All of the dust mitigation measures, as outlined in the submitted EIS, shall be undertaken to offset air pollution. Ongoing independent Environmental Monitoring shall be carried out to the satisfaction of Longford County Council and action taken if systematic increases are detected at sensitive receptors.	
6.	<p>BLASTING CONTROL MEASURES</p> <ul style="list-style-type: none">(i) Ground-borne vibration-peak particle velocity measured in any of the three mutually orthogonal directions at the receiving location should not exceed 12mm/s, (for vibration with a frequency of less than 40Hz).(ii) The air over-pressure at any sensitive location shall not exceed 125 dB (Linear maximum peak value). No individual air pressure value should exceed the limit value by more than 5dB.(iii) Public notice of blasting procedures shall be established and agreed in advance with Longford County Council. Arrangements shall be made to notify local residents of the likely times of blasting operations.(iv) The blasting of rock shall not take place within the site on more than two occasions in any calendar month and shall only be carried out between the hours of 10.30 and 16.30 on working days Monday to Friday and at no time on Saturdays, Sundays or Public Holidays.	In the interests of public safety and of the protection and amenity of adjacent dwelling and other property structures.

RECEIVED: 10/05/2023

- (v) Advance warning of each proposed blasting to consist of a minimum 24 hour pre-blast leaflet drop shall be given to all households within a 500 metre radius of the quarry face. Residents shall also be given the 'all-clear' signal by means of sirens or other measure when blasting has been completed. The measure(s) shall be agreed with Longford County Council.
- (vi) All blasting operations shall be carried out in consultation with all owners/occupiers within 200m of the site giving them one weeks notice of the intent to blast. All such operations shall be monitored by the applicant for vibration and noise at all dwelling houses with 200m of the site.
- (vii) The applicant/quarry operator shall take adequate safety measures to the satisfaction of Longford County Council to restrict blast generated flying debris to within the site boundaries.
- (viii) All of the blasting mitigation measures, as outlined in the submitted EIS, shall be undertaken to offset environmental pollution. Ongoing independent Environmental Monitoring shall be carried out to the satisfaction of Longford County Council and action taken if systematic increases are detected at sensitive receptors.

7. **SURFACE AND GROUND WATER POLLUTION CONTROL MEASURES**

- (i) The applicant/quarry operator shall adhere to the operational and monitoring procedures outlined in the Water Section of the submitted E.I.S. in their entirety.
- (ii) All potentially polluting material including oils, lubricants and chemicals shall be stored in bunded areas having impervious surfaces and be returned to the bunded areas as soon as possible after use. Spill response plans shall be put in place to deal with leakages and spillages.
- (iii) The oil and chemical areas shall be bunded to a minimum of 110% of the capacity of the largest tank within the bunded area. The bunded area shall also contain all valves, filler nozzles etc. All filling and take off points, vents and overflow pipe outlets shall be located within the bund. Bunds shall be maintained free of rainwater so that the minimum capacity of 110% of the largest tank is available at all times and no discharge from the bund shall be able to enter any watercourse, groundwater or other land.
- (iv) The applicant/quarry operator shall put in place alternative arrangements to replace private water supplies, serving properties in the vicinity, if such supplies are materially affected by the development.

In the interests of public health and of the control of pollution.

RECEIVED: 10/05/2023

	<p>Details shall be agreed with Longford County Council.</p> <ul style="list-style-type: none">(v) All clean rainwater from roofs and clean concrete yards shall be separately collected and disposed of to suitably designed lagoons and no rainwater or extraneous surface water shall be allowed to flow onto the public road or adjoining properties.(vi) In the event of a spillage of polluting matter into any of the receiving waters the applicant shall immediately cease discharging and notify Longford County Council of such an incident and of the measures being taken to prevent or mitigate any resulting pollution.(vii) Site drainage arrangements, including rainfall and runoff from all trafficked areas and concrete mixing areas and the hydrocarbon interceptors and the system of lagoons within which all wash water generated on site shall be recycled and all fines can be collected shall be as submitted in the applicant's EIS. Fines collected within the lagoon system shall be removed periodically and stored under cover to prevent run-off into watercourses and the lagoons shall have sufficient capacity to cope with storm conditions runoff.(viii) Vehicles shall not be washed down on site and detergents shall not be allowed to enter the surface water drainage system.(ix) In the event of downstream flooding as a result of any increased discharge/quarry working, the applicant/quarry operator, at their own expense, shall rectify same to the satisfaction of Longford County Council and the local community.(x) Stockpile areas for sands and gravel shall be kept to a minimum and sited well away from any watercourse.(xi) All discharges from the quarry site to surface waters shall have adequate treatment to remove silt/sediment.	
8.	<p>ROADS</p> <ul style="list-style-type: none">(i) The existing roadside hedgerow to the east of the eastern site entrance shall be removed and/or cut back and so maintained over the section extending from the entrance to the location of the telecom utility pole nearest to the entrance such as to provide for an adequate sightline distance in that direction. The necessary works in this regard shall be carried out <u>within 2 months of the date of this permission.</u>(ii) The existing telecom utility pole located along the site frontage between the existing and new second entrance shall be re-located in a set-back manner to the existing site boundary wall and this shall be carried out with 2	In the interests of traffic safety and the preservation of the adjacent road network's surface and structural base.

RECEIVED: 10/05/2023

- (no.) months of the date of this permission and at the applicant's expense.
- (iii) Signage of appropriate dimensions with washable surfaces shall be provided as follows within 2 (no.) months of the date of this permission:
- (a) advance warning signs of the quarry entrances location to be located on the roadside verges at a distance of 50 metres to either side of the entrances or as may otherwise be required by the North Longford Area Engineer's Office.
 - (b) 'in' and 'out' signage at the respective entrance and exit entrances to be located attached to the entrance wall piers at the respective locations.
 - (c) internal site signage directing all existing vehicles via the wheelwash facility proposed shall be provided inside the existing entrance.
- (iv) The applicant/ operator of the quarry shall, at their own expense, be responsible for the strengthening of the 900 metre long section of the county road extending from the site entrances in the south-easterly direction to the point, beyond and between which and Molly Crossroads, this roadway has recently been strengthened and re-surfaced. The necessary works to be carried out in this regard shall consist of the provision of 100mm DBM overlay with geogrid over a width of 4.5 metres and with surface dressing over the full distance section of road referred to and with all works to be completed by 31st August, 2008 and in consultation with the North Longford Area Engineer's Office.
- (v) The applicant/operator of the quarry shall ensure that no vehicles which exceed the legal maximum laden axel weight, and which originate from the site, shall use the public road network.
- (vi) The development as carried out shall not adversely affect existing land or road drainage in the vicinity of the site and to this end, the surface water collection and drainage system along the entrances' frontage shall be maintained and regularly cleared of accumulated silt and grit with no surface water to be permitted to drain or flow from the entrances onto the adjoining public roadway.
- (vii) Where wheel-borne grit or silt may be deposited on the adjacent road section to the site entrances the roadway shall be swept of such deposits and the surface hosed down before sunset on the day of any such deposits occurring and in periods of prolonged dry/windy weather the roadway sections to either side of the entrance shall be washed/hosed down for a distance of at least 200 metres from the entrances or as may otherwise be appropriate and/or necessary.

<p>9.</p>	<p>WASTE MANAGEMENT</p> <p>(i) Waste materials (other than topsoil) accruing from the working of the site shall be stored within the existing excavated quarry floor area and shall be used for the future restoration of the quarry in a manner which shall be agreed with Longford County Council in writing.</p> <p>(ii) No other waste material of any kind (including top or sub-soil or dry-fill) shall be imported to and deposited in the overall quarry site unless either the specific planning permission or the written consent of Longford County Council has first been obtained for this.</p> <p>(iii) All waste generated at this facility which cannot be reused or recycled shall be disposed of at licensed facilities. Complete records including waste type, quantity, hauliers, and destination shall be maintained for inspection by Longford County Council in respect of any such waste.</p> <p>(iv) Waste shall not be disposed of by open burning. Wastes shall be recycled/reused where possible, otherwise shall be disposed of a licensed landfill site.</p> <p>(v) All wastes and by-products shall be stored in a designated and controlled area(s) prior to collection by an approved agent.</p> <p>(vi) The existing spoil heaps of “stockpiled materials” located within the site shall be reduced in height by 50% <u>within 2 (no.) years of the date of this permission</u> and with the base of any such heap to be no nearer than 10 metres from the nearest adjoining property boundary. To this effect the applicant/quarry operator shall submit a set of survey drawings accurately scaled with cross-sections indicating the locations and existing height levels (to summits) of all such heaps <u>within 2 (no.) months of the date of this permission</u> and shall commence the necessary works at the southern end of the site with the removed material to be deposited on the worked out quarry floor or as may otherwise be agreed with the Planning Authority in writing.</p> <p>(vii) All existing top soil removed in the course of working the quarry shall be separately retained in order to be re-used during re-instatement of the quarry site and no such top soil shall be sold or otherwise removed from the site.</p>	<p>In the interests of visual amenity, the control of unauthorised development and of the proper planning and sustainable development of the area.</p> <p style="color: red; transform: rotate(-45deg); opacity: 0.5;">RECEIVED: 10/05/2023</p>
<p>10.</p>	<p>EFFLUENT TREATMENT/DISPOSAL</p> <p>The existing septic tank and percolation area shall comply with the recommendations of S.R.6 :1991 and/or the E.P.A.</p>	<p>In the interests of public health.</p>

	Wastewater Treatment Manuals in their entirety and be replaced or up-graded where necessary to be so in accordance.	
11.	<p>ARCHAEOLOGICAL MONITORING</p> <p>(i) The applicant/quarry operator shall engage the services of a suitably qualified archaeologist to monitor all topsoil stripping associated with the development.</p> <p>(ii) Should archaeological material be found during the course of monitoring, the archaeologist may have work on the site stopped, pending a decision as to how best to deal with the archaeology. The developer shall be prepared to be advised by this office with regard to any necessary mitigating action (e.g. preservation <i>in situ</i>, and/or excavation). The applicant shall facilitate the archaeologist in recording any material found.</p> <p>(iii) The Planning Authority and the Heritage Section of the DoEHLG shall be furnished with a report describing the results of the monitoring.</p>	To ensure the continued preservation (either <i>in situ</i> or by record) of places, caves, sites, features or other objects of archaeological interest.
12.	<p>EXTRACTION AREA</p> <p>No further extraction of rock material shall take place within a 10 metre wide 'buffer' zone along the quarry site boundary with any adjoining lands or property.</p>	In the interests of orderly development.
13.	<p>HABITATS PROTECTION</p> <p>(i) All existing site boundary hedgerows and trees shall be carefully retained and protected.</p> <p>(ii) Where practicable, natural habitats within the site shall be maintained and/or re-established to promote and enhance biodiversity.</p>	In the interests of visual amenity and ecological functioning.
14.	<p>SITE ENTRANCE/PRESENTATION</p> <p>(i) The site entrances shall be securely locked during non-attended site operation hours with video surveillance or other appropriate monitoring of site security to be provided at the entrance location also during these hours. In this regard the recently permitted second entrance shall be provided with a lockable gate <u>within 2</u> (no.) months of the date of this permission.</p>	In the interests of the safety of children and of public safety generally and of visual amenity.

RECEIVED: 10/05/2023

- (ii) The existing site office structure shall be cleaned and painted in a muted colour(s), including the front entrance doorway, and the wires showing on the front elevation shall be tidied up and secured to the building in an un-obtrusive manner.
- (iii) The concrete pipes and other waste materials currently stored along the site northern boundary and inside the new second entrance shall be removed to a location out of sight of the public roadway and/or to an authorised place of disposal as appropriate.

15. **ENVIRONMENTAL MONITORING PROGRAMME**

- (i) On an annual basis, for the lifetime of the facility, the applicant/quarry operator shall submit an Environmental Audit to the Planning Authority. Independent environmental auditors, approved by Longford County Council, shall carry out this audit. The audit shall be carried out at the expense of the applicant/quarry operator and be made available to the public for inspection at all reasonable hours at a location to be agreed with Longford County Council. This Monitoring Programme is required to provide evidence that environmental conditions are being complied with. The programme shall specify all of the Environmental standards being monitored, such as noise, dust, blasting, traffic etc., and the monitoring procedures/frequency.
- (ii) Within 2 (no.) months of the date of this permission, the applicant/quarry operator shall submit to the Planning Authority, for written agreement, a proposal for an Environmental Management System (EMS). This shall include the following:
 - (a) Proposals for the on-going environmental monitoring of noise, dust and water quality.
 - (b) Proposals for the on-going monitoring of blast related vibration and air over pressure.
 - (c) Proposals for the on-going monitoring of ground water levels and quality
 - (d) Proposals for the bunding of fuel and lubrication storage areas, and details of emergency action in the event of accidental spillage.
 - (e) Details of site drainage, including the situation lagoons and pump regime.
 - (f) Details of safety measures for the land around the quarry to include warning signs and stock proof fencing (works to be carried out within one month of the written agreement

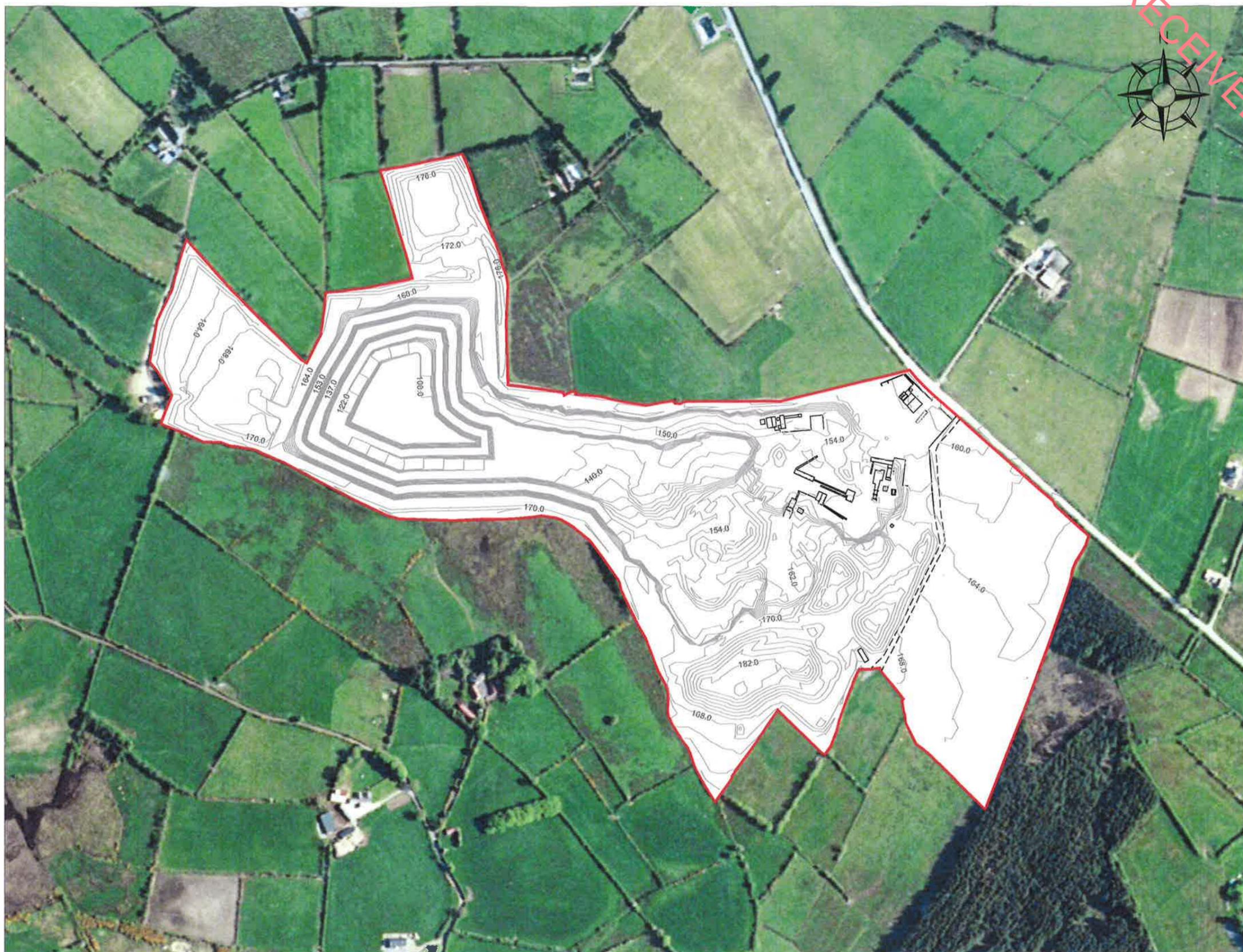
In the interests of orderly development and of the safeguarding of local amenities.

	<p>of Longford County Council to these details).</p> <p>(g) Proposals for the giving of notice of blasting to residents of the area.</p> <p>(h) Full details of site management arrangements, contact numbers (including our of hours), and public information signs to the entrance to the facility, the details to be agreed with Longford County Council.</p> <p>(iii) The implementation of the above measures shall be as agreed between Longford County Council and the applicant/quarry operator.</p> <p>(iii) Details of the monitoring and the frequency of monitoring shall be agreed with the Planning Authority. All data obtained from the monitoring shall be made available to the Planning Authority. The Planning Authority shall be afforded the opportunity, at all times during working hours, to inspect and check all apparatus and equipment used or required to carry out monitoring and recording operations.</p>	<p style="color: red; transform: rotate(-15deg);">RECEIVED: 10/05/2023</p>
<p>16.</p>	<p>RESTORATION AND AFTERCARE OF THE SITE</p> <p>(i) On cessation of operations, all plant and surface equipment shall be removed from the site, and the land shall be restored in accordance with the restoration programme in the Planning Application/EIS. A timescale for implementation should be submitted to Longford County Council.</p> <p>(ii) All existing top soil removed in the course of working, shall be separately retained so that it can be readily re-used during the reinstatement of the site and no such top soil shall be sold or otherwise removed from the site.</p> <p>(iii) The screening and landscaping proposals contained in the EIS shall be implemented in full and a report on the progressive implementation of the required works shall be submitted to Longford County Council at five-yearly intervals.</p> <p>(iv) The reinstatement and landscaping of the site shall be carried out to the satisfaction of Longford County Council and in accordance with the plans submitted, within twelve months of the substantial cessation of extraction of materials from each stage of the quarry.</p>	<p>In order to ensure the satisfactory restoration of the site in the interests of visual amenity, the protection of biodiversity and of the proper planning and sustainable development of the area.</p>

NOTE:

In accordance with Section 34 (13) of the Planning and Development Act 2000, you are advised that “a person shall not be entitled solely by reason of a permission under this section to carry out any development”.

RECEIVED: 10/05/2023



LEGEND

- APPLICATION SITE BOUNDARY
- FINIAL VOID DESIGN

Client READYMIX (ROI) Ltd.			
Project S.261 PLANNING APPLICATION & EIS			
Location DORANROCK, Co. LONGFORD			
Title FINAL VOID DESIGN			
Project No. 06715348	Engineer BB	Figure No.	2.5
File No. 2.5	Reviewed by GP		
Created by CC			
ISSUE TO L.C.C		Oct. 2008	A
Scale 1:4000A9	Date OCTOBER 2008	Drawn	

ORDNANCE SURVEY IRELAND
LICENCE NUMBER
AR0056006



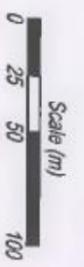
TOWN CENTRE HOUSE, DUBLIN ROAD, NAAS, CO. KILDARE
TEL.: 045 874411 - FAX: 045 874519 - www.golder.com



RECEIVED: 10/05/2023



PLANNING SECTION
RECEIVED
03 AUG 2007
LONGFORD COUNTY COUNCIL



Legend

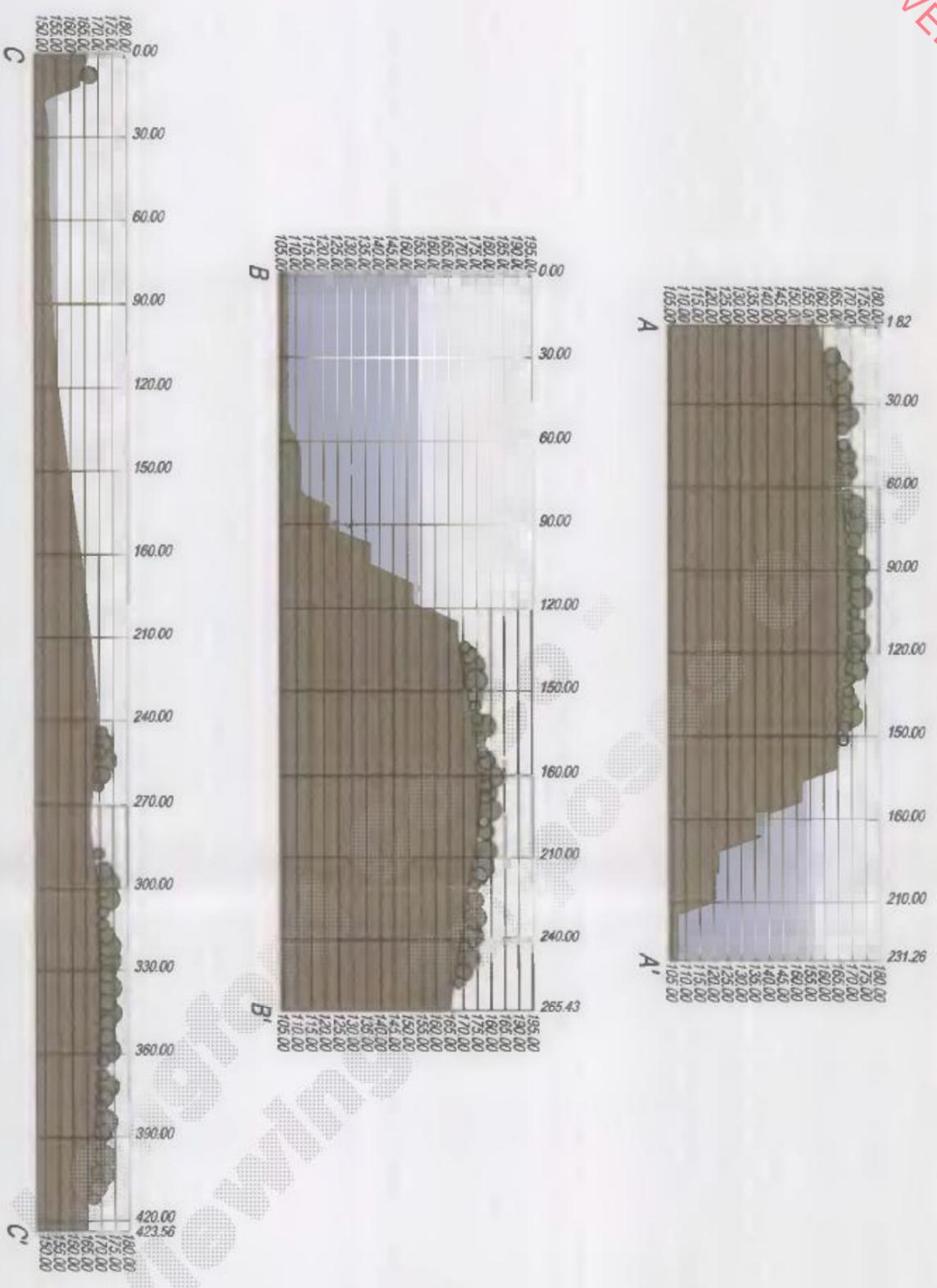
- Existing hedgerows, hedgerow trees and woodland
- Proposed woodland
- Pasture areas
- Open water areas
- Proposed Sand Martin bank
- Cross section locations

Sequence of Quarry Development & Restoration
Phase 1. Overburden stripped will be used in ongoing restoration and stockpiled for final restoration
Phase 2. Western quarry limit will be attended
Phase 3. Final restoration using remaining stockpiled material and overburden

Client CEMEX (ROI) Ltd.	
Project S.261 PLANNING APPLICATION & EIS	
Location DORANROCK, Co. LONGFORD	
Title PROPOSED RESTORATION CONCEPT	
Project No 06715348	Engineer AM
Fig. No. 10.4	Reviewed by BTG
Drawn by AM	Figure No. 10.4
ISSUE TOL.C.C.	JUL 2007
	A
Scale AS SHOWN	Date JUL Y 2007

Golder Associates
 Cemeir House
 Station Road
 Tredous
 LS24 5JF
 Tel: 01937 837800
 Fax: 01937 837850
 E-mail: leeds@golder.com

RECEIVED: 10/05/2023



- Legend**
- Proposed restored ground level
 - Predicted open water
 - Proposed woodland/ scrub/ bench planting

PLANNING SECTION
RECEIVED
03 AUG 2007
LONGFORD COUNTY COUNCIL

Client CEMEX (ROI) Ltd.	
Project S 261 PLANNING APPLICATION & EIS	
Location DORANKROCK, CO. LONGFORD	
Title PROPOSED RESTORATION CONCEPT CROSS SECTIONS A, B&C	
Project No. 06715348	Engineer AM
File No. 10.5	Reviewed by BTG
Created by AM	Figure No. 10.5
ISSUE TO L.C.C.	JUL 2007
	A
Author	Drawn
Checked	Reviewed
Scale AS SHOWN	Date JULY 2007

Golder Associates
Gomer House
Station Road
Tadcaster
LEEDS
LS24 9AF
Tel: 01937 837800
Fax: 01937 837850
E-mail: leeds@golder.com