

Environmental

Environmental Consultancy
Hydrogeology
Contaminated Land
Management Systems
Waste Management
Health & Safety
Geographic Information Systems

Licensing Unit,
Office of Licensing & Guidance,
Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
County Wexford

8th November 2004



RE: Waste Licence 202-1

Dear Sir/Madam,

Please find enclosed an original and five copies of the response to the Article 12 Compliance Requirements issued to Mr. Seamus Kelly on 16/8/04. The response to the Article 13 Notice has been submitted separately and the response to the Article 16 notice will be submitted within one week.

I hope this meets with your satisfaction and if you have any queries please let me know.

Yours sincerely,

On behalf of Seamus Kelly & Sons


Donal Marron
Regional Director

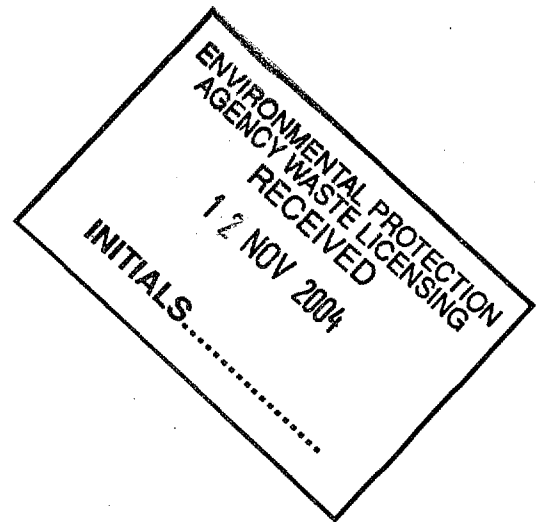
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thinking beyond construction

SEAMUS KELLY & SONS,
 WASTE RECYCLING CENTRE,
 GOREY BUSINESS PARK,
 GOREY,
 CO. WEXFORD.



ARTICLE 12 COMPLIANCE INFORMATION

REG. NO. 202-1

OCTOBER 2004

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Reference: Seamus Kelly & Sons				
Issue		Prepared by		Verified by
V1	Oct. 04			
V2	-			
V3	-			
V4	-	Debbie Good BSc HND		Donal Marron
V5	-	Senior Environmental Scientist		Project Director
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SEAMUS KELLY & SONS,
WASTE RECYCLING CENTRE,
GOREY BUSINESS PARK,
GOREY,
CO. WEXFORD.

ARTICLE 12 COMPLIANCE INFORMATION

REG. NO. 202-1

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- Attachment A - Non-Technical Summary EIS
- Attachment B - Non-Technical Summary Waste Licence Application
- Attachment C - Planning Application

ARTICLE 12

B6 Type of Activity

1. Provide a detailed description of the proposed activities specified as class 12 of the Third Schedule of the Waste Management Act, 1996. In addition, provide a detailed description of the proposed activities specified as Classes 11 and 12 of the Fourth Schedule of the Waste Management Act, 1996.

Waste Disposal Activities - Third Schedule of WMA

12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Bulking of residual non-recoverable material at the recycling centre prior to transport to licensed landfill for disposal. Future repackaging may include the baling of waste.

Waste Recovery Activities - Fourth Schedule of WMA

11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.

It is proposed that during the construction of the proposed new recycling building that clean recycled construction and demolition waste will be used as sub-fill for any foundations required. This will consist of clean recycled bricks, blocks, concrete and gravel from the company's own C & D processing operation on site. The total amount of recycled product to be used on site in this way will be relatively small.

12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.

Much of the waste processing at the SKAS recycling centre entails the segregation of waste into distinct waste types. Most of these segregated materials such as metals, wood, paper/cardboard, plastics etc. will be exported to other waste management facilities for further recycling and recovery.

C1 Air

1. Provide monitoring results for dust deposition and a full interpretation of these results for the dust monitoring locations D1 and D2 and a further dust monitoring location on the western boundary wall.

Total dust deposition was measured at the site using the Bergerhoff gauges specified in the German Engineering Institute VDI 2119 document untitled "Measurement of Dustfall Using the Bergerhoff Instrument (Standard Method)". The dust gauges were set up such that the glass containers were approximately 2m above the ground surface.

The dust gauges were exposed between 16/09/04 and 14/10/04 and were submitted to Enterprise Ireland Air Quality Laboratory in Glasnevin for analysis. Prior to exposure and in order to inhibit the growth of algae in the dust jars, 20 ml of 5% 2 methoxyethanol was added to each jar.

The dust monitoring was carried out at three sampling locations as requested. Sampling location D1 was located on the southern boundary wall of the site and generally downwind of the waste operations. Sampling location D2 was located on the northwestern boundary wall and upwind of the waste operations. Sampling location D4 was located on the western boundary wall and upwind of the site (in terms of the prevailing winds in this region). The locations of the gauges are indicated on Figure 2.2.1.

The results from the dust monitoring period of 29 days, between the 16th September 2004 and the 14 October 2004, are presented in Table 1.1 below.

Table 1.1: Dust Monitoring Results

Monitoring Locations	Monitoring Period
	16/09/04 – 14/10/04 (29 days)
	mg/m ² /day
D1	492
D2	1082
D4	1902

The results indicated that dust deposition levels at monitoring locations D1, D2, D4 were all above the EPA guideline limit of 350 mg/m²/day. It should be noted that the dust results at D2 and D4 upwind of the facility were extremely high and subsequently reduced downwind of the site (at D1). Seamus Kelly & Sons propose to construct a new building, to cover the yard area to the west of the Recycling Building, consequently roofing in the entire site. This will ensure that the tipping and handling of all C&D material takes place indoors thereby significantly reducing the potential for dust emissions from the site. Once constructed, the new building will house all site operations. A dust suppression sprinkler system similar to those operating in other waste facilities will be installed in this area and will serve to prevent dust from rising during recycling operations. Additional mitigation measures to reduce dust generation on site will include regular sweeping of the floor and power washing as required.

3. Section 2 of the EIS non-technical summary "Description and characteristics of the development" supplied with the EIS states that " The site also contains avehicle wash bay.." Reproduce Figure No. 3.2.1 showing the location of the vehicle wash bay within the site.

A vehicle wash bay will be installed near to the facility entrance, however the precise location has not yet been finalised and will be submitted to the Agency in the short term..

4. Submit application for planning permission for proposed development as referred to under Section 3.1.2 of EIS.

The application for planning permission is provided in Attachment C.

J5 Sewer Discharge

1. Outline the reasons why foul water is landspread as opposed to being disposed of to sewer as well as the agronomic benefit from the landspreading of this waste, (include a Nutrient Management Plan and Groundwater Vulnerability Assessment for the landspread areas as per Agency guidance).

It is no longer proposed to dispose of foul water generated on site by landspreading. The foul water from the canteen, toilets and washrooms will be directed to the proposed proprietary wastewater treatment plant (WWTP) to be located in the southwestern corner of the site. Treated effluent from the WWTP will be discharged to groundwater via the percolation area located to the west of the western boundary wall. Any leachate generated in the processing building will be

directed by internal drainage and/or pumped to the underground storage tanks located in the southwestern part of the site for storage prior to being tankered off site for treatment at the Enniscorthy wastewater treatment plant operated by Wexford County Council.

2. *Provide an estimate of the quantity of foul water currently being disposed of by landspreading per annum.*

As detailed above, it is no longer proposed to dispose of the foul water generated on site by landspreading.

3. *Section 3.8.5 of the EIS states that "the sewage from the toilet facilities is directed to the on-site septic tank which is emptied regularly and landspread". This is in contrast to Section 3.2.12 of the EIS which states that "the foul water from the on site toilets is treated in an on-site septic tank and associated percolation area outside the site boundary". Please clarify.*

As detailed in J5 Item 1 above it is no longer proposed to dispose of foul water generated on site by landspreading. The foul water from the canteen, toilets and washrooms will be directed to the proposed proprietary wastewater treatment plant (WWTP) to be located in the southwestern corner of the site. Treated effluent from the WWTP will be discharged to groundwater via the percolation area located to the west of the western boundary wall. Any leachate generated in the processing building will be directed by internal drainage and/or pumped to the underground storage tanks located in the southwestern part of the site for storage prior to being tankered off site for treatment at the Enniscorthy treatment plant operated by Wexford County Council.

ATTACHMENT A
EIS, NON-TECHNICAL SUMMARY

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EIS, Non Technical Summary

1. General

This non-technical summary is provided as required by Article 6 of the European Communities (Environmental Impact Assessment) Regulations, 1998 (S.I. No. 351/1998) which amends Article 25 of the European Communities (Environmental Impact Assessment) Regulations, 1989 (S.I. No. 349/1989).

Seamus Kelly and Sons (SK&S) operate a domestic, commercial and industrial waste collection and recycling business from Gorey Business Park, Ramstown Gorey, Co. Wexford. The facility has planning permission to operate a waste transfer station since 1995. Significant changes are now necessary to allow the company to expand its recycling processes and to improve the environmental performance and the overall efficiency of operations at the site. This environmental impact statement (EIS) will be sent to the EPA to accompany the waste licence application which was submitted in February 2004.

2. Description and characteristics of the development

The facility currently handles household, commercial, industrial, and construction and demolition waste as described above. All wastes handled are non-hazardous in nature. Recycling at the facility comprises recovery of paper, wood, cardboard, metal, plastic and construction and demolition materials. There is one picking lines for the recovery of construction and demolition waste. This picking line can also be used for the recovery of other waste types. Any non-recyclable waste is bulked up on the premises and transferred to landfill in covered trailers. SK&S also provide a service for the collection of dry recyclables from householders and the Company hopes to expand this service in the region.

The existing facility consists of one main building dedicated to waste handling which also houses the office areas, canteen and changing rooms. The site also contains a weighbridge, a weighbridge cabin, toilets, foul water storage tanks, percolation area, vehicle wash bay, recycled materials storage bays and a fuel storage area.

The facility currently handles approximately 16,500 tonnes per annum. The opening hours at the facility are from 8.00a.m. to 5.00 p.m. Monday to Friday and 8.00a.m. to 1:00p.m. on Saturdays. It is proposed to extend the opening hours to 7:30am to 6:30pm Monday to Friday and from 8:00am to 2:00pm on Saturdays. The Waste Licence Application accompanied by this EIS includes a proposal to increase the current licensed tonnage to 30,000 tonnes per annum over five years. The proposed changes to the facility include a proposal to construct a new building which will

cover the entire site ensuring all activities take place indoors and the provision of a proprietary wastewater treatment plant.

3. Data necessary to identify and assess the main effects which the development is likely to have on the environment

The data necessary relates to the site development characteristics and the existing environment in which the development has been situated as follows:

Site Statistics and Development Characteristics

Although strictly speaking, site statistics are not an aspect of the environment, per se, they form the database upon which most of the calculations related to impacts on the environment are based. The site statistics include site area, building size, hours of operation and traffic generation.

Climate

Climatological data for a number of stations in County Wexford relating to rainfall, wind and evapotranspiration was compiled as a baseline for evaluating the development. The annual rainfall at the site was estimated at 877mm/annum and the prevailing wind was determined to be from the west and southwest.

Air Quality

Dust measurements were made at three monitoring stations. Elevated dust levels were recorded at the site with higher levels recorded upwind of the site on the west and northwest boundaries. Historically the handling of C&D waste had been an additional source of dust on site but the proposed enclosure of C&D waste handling inside the proposed new building and the provision of a dust suppression spray system inside the building will minimise the risk of future dust emissions from this activity.

Noise Environment

Baseline noise levels were recorded at four boundary locations on site and at ten of the nearest sensitive receptors. Noise assessment was carried out during daytime operations at the site. Background noise levels in the surrounding area are influenced by a combination of site activities, passing road traffic and neighbouring activities.

Geology and Soils

The site is underlain by the Campile Formation, which forms the top of the Duncannon Group, Lower Palaeozoics. The overlying soils consists of glacial drift of sandy, gravelly clays. Previous investigations within the Ramstown area recorded deposits of clayey material ranging in thickness from 9.5m to 20.5m.

Groundwater

The groundwater direction flow in the bedrock is most likely in an easterly direction towards the Banoge River. The site is underlain by rocks of the Campile Formation of the Duncannon Group which is considered to be a major aquifer.

A groundwater sample collected from the on-site well recorded groundwater with elevated levels of manganese, sodium, chloride, conductivity and to a lesser extent sulphate. There was little evidence of organic contamination as indicated by the low levels of ammonia, nitrite, nitrate, phosphate, TON and a relatively high concentration of dissolved oxygen.

Surface Water

The site is located in an industrial area therefore surface water from roofs and paved areas of the site currently runs-off to constructed storm drains. All non-roof surface water passes through 2 (No.) petrol interceptors prior to discharge to a percolation area. It proposed to roof in the entire site therefore all surface water run-off will be in the form of clean roof water.

Flora and Fauna

The site is not covered by any designations of nature conservation interest. There are no natural or semi-natural habitats on site.

Human Beings/Local Population

The site is located in an industrial area, which is zoned "To provide for Industrial Uses" in the Gorey Local Area Plan 2002. Therefore the predominant land use in the vicinity of the site is industrial. An urban residential area is located 200m to the northeast.

Traffic and Road Network

A traffic survey carried out at the site indicated that the existing junction, site entrance, and circulation areas work well with the existing traffic volume. The site is convenient to the N11, thus providing good access to the National Roads network.

Landscape

The existing recycling centre is located within an extensive area of industrial development and therefore has low impact on the landscape environment. The site boundary comprises concrete block walls fitted with corrugated sheeting.

Cultural Heritage

An appraisal of the cultural heritage was undertaken, detailing relevant aspects of local history and providing an archaeological assessment of the site and its environs. The study concluded that historical industrial development had removed or disturbed any areas on the site where archaeological remains could have survived. Nothing of archaeological significance was noted in the field assessment.

Material Assets

The material assets of the local area comprise other industrial premises, housing some distance away together with public infrastructure including roads, a railway and overhead electric wires. The N11 is dominated by heavy commercial traffic. There are no tourist sites of note in the vicinity of the development.

4. Likely significant environmental effects and measures envisaged to avoid, reduce or remedy them

Climate

No significant adverse impact upon the climate is predicted as a result of the operation of the facility.

Air Quality

No adverse effects on air quality from aerosols or decomposition gases are predicted. Further dust control measures will be put in place at the at the facility including the construction of a new

building to entirely cover the facility and the installation of a dust suppression spray system. This will further reduce potential dust emissions from the site.

Noise

The proposed expansion of the Recycling Centre is likely to increase the number of waste haulage vehicles and associated noise. Additional noise from daytime traffic will be insignificant in terms of existing heavy industrial traffic on the N11. All on-site operations will be totally enclosed by the new building which will reduce noise emissions. Other mitigation measures will include using modern plant and equipment, maintaining/servicing plant and equipment and switching off or throttling back plant when not in use.

Geology and Soils

The concrete floors and drainage systems in the existing and new buildings and yards at the site will prevent any contaminants from the waste materials migrating into the underlying clay and no impact on soil quality is predicted. This boulder clay provides a very good barrier between the development and the bedrock and no impacts from the development are predicted.

Groundwater

The vulnerability of the bedrock aquifer is moderate. All rainwater falling on the upgraded site will be in the form of clean roof water. Foul water generated within the site from toilets/canteen etc. will be treated on site in a wastewater treatment system and discharged to the percolation area. Any leachate generated within the processing building (from floor wash down etc.) will be directed to the storage tanks and tinkered off site to the Enniscorthy wastewater treatment plant as and when required.. The risk of groundwater pollution will be reduced by the proposed development and therefore the net impact of the development is considered to be positive in groundwater terms.

Surface Water

The proposed roofing of the entire site, by the construction of the new building, is considered as a positive impact in terms of surface water quality. All rain falling on the site will run off the roofs to the storm water system and will consist of clean rainfall. No additional mitigation measures are considered necessary.

Flora and Fauna

Pest Control measures are in place on site for the control of vermin. The proposed roofing of the entire site will mitigate for any potential impacts on water quality in the Banoge River and its tributaries. With these mitigation measures in place no negative impact is anticipated on flora or fauna in the vicinity of the development.

Human Beings/Local Population

The proposed expansion is not expected to have a negative impact on the residents living adjacent to the site. The construction of the additional building will have a positive effect on dust, noise and odour control in the surrounding area. The expansion of the facility will lead to an increase in employment locally. With appropriate emissions-related mitigation measures in place no adverse significant impact is anticipated to human beings.

Traffic and Road Network

The proposed increase in traffic associated with the expansion of the SK&S facility will be easily absorbed by the existing capacity of the N11 and the adjacent national network. No adverse impact on the surrounding road network or road users is predicted from the proposed expansion of the SK&S recycling centre.

Landscape

The proposed development is visually in keeping with the surrounding industrial land use. The development has no conflict with the County Wexford Development Plan or the Gorey Local Area Plan. No negative visual or landscape impact is anticipated.

Cultural Heritage

The nature of pre-existing industrial development has rendered the survival of archaeological remains highly unlikely. There is no discernible impact on the archaeological or historical resource and no mitigation measures are recommended.

Material Assets

No negative impact is predicted on the material assets of the Ramstown or Gorey areas.

Interactions

A number of potential impacts resulting from interactions between environmental media were identified. Mitigation measures for these potential impacts are proposed in specific Sections of the EIS (e.g. surface water, air, noise etc.). Impacts from interactions of environmental media at the site are considered low or insignificant.

5. Effects of the Development due to use of Natural Resources

No natural resources, other than groundwater, are used directly to operate the facility. Fossil fuels are used to power vehicles and plant. Electricity is used which is derived from the burning of fossil fuels by the ESB. The overall effect of the development on natural resources is considered insignificant. Since wastes handled by the facility are produced regardless of the development some other similar operation would still be required.

6. Effects due to Emissions

The effects of emissions from the facility are addressed in Section 3 of the EIS. This includes the short, medium and long term effects, and the permanent, temporary, positive and negative effects of any environmental emissions.

7. Forecasting Methods Used to assess any Effects on the Environment

Professional judgement based on site reconnaissance, desk studies and calculations were used to assess effects of the proposed development on the environment.

8. Alternatives

The alternatives available to the operator are addressed in Section 1 of the EIS. These include alternative locations, alternative processes and the do-nothing alternative. In practical terms the expansion of an existing facility is favourable to the installation of a new facility. The location of the existing centre in an industrial estate with good access to the national road network is considered a very favourable location for a waste management centre. SK&S are attempting to improve the recycling infrastructure at the site to maximise the volumes of material recycled and minimise landfilling, as required by National and EU Policy. The do-nothing alternative is considered less favourable than the present situation.

9. Difficulties encountered in compiling specified information

No difficulties were encountered.

ATTACHMENT B
WASTE LICENCE APPLICATION, NON-TECHNICAL SUMMARY

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Waste Licence Application, Non Technical Summary

As required by Article 12 (1) (q) of the Waste Management (Licensing) Regulations, 2000 a non technical summary is provided below which contains information on the matters listed in article 12(1)(e) to (p).

A.1 Nature of the Facility

This section relates to Article 12(1)(e)

Seamus Kelly & Sons (SK&S) operates a waste management centre at Gorey Business Park, Ramstown, Gorey, Co. Wexford. The facility is primarily used as a recycling centre for construction and demolition waste, commercial and industrial waste and household waste.

In response to a marked demand for recycling services in the south-eastern waste management region, the Company intends to expand the existing facility to allow for an increase in the volumes of waste handled and recycled at the facility. A waste licence is required to allow the expansion of the waste management centre and an environmental impact statement (EIS) will accompany SK&S application for the waste licence.

The facility currently handles household, commercial, industrial, and construction and demolition waste as described above. All wastes handled are non-hazardous in nature. Recycling at the facility comprises recovery of paper, wood, cardboard, metal, plastic and construction and demolition materials. There is one picking line for the recovery of construction and demolition waste. This picking line can also be used for the recovery of other waste types. Any non-recyclable waste is bulked up on the premises and transferred to licensed landfill sites in covered trailers. SK&S also provide a service for the collection of dry recyclables from householders and the Company hopes to expand this service in the region.

The existing facility consists of one main building dedicated to waste handling which also houses the office areas, canteen and changing rooms. The site also contains a weighbridge, a weighbridge cabin, toilets, percolation area, vehicle wash bay, recycled materials storage bays and a fuel storage area.

The facility currently handles approximately 16,500 tonnes per annum. The opening hours at the facility are from 8.00a.m. to 5.00 p.m. Monday to Friday and 8.00a.m. to 1:00p.m. on Saturdays. It is proposed to extend the opening hours to 7:30am to 6:30pm Monday to Friday and from 8:00am to 2:00pm on Saturdays. This Waste Licence Application includes a proposal to increase the current licensed tonnage to 30,000 tonnes per annum over five years. The proposed changes to

the facility include a proposal to construct a new building which will cover the entire site ensuring all activities take place indoors and the provision of a wastewater treatment plant.

The site is located in the catchment of the Banogue river and within 1km of the N11 Dublin to Rosslare road. Surrounding activity is primarily industrial, with mixed agriculture and some residential developments.

The facility design, operation and management is fully described at Section 3 of the Main Text of the EIS that accompanies this Waste Licence Application, and on Figures and Drawings that are enclosed.

A.2 Classes of Activity

This section relates to Article 12(1)(f)

In accordance with the Third and Fourth Schedules of the Waste Management Act, 1996 (WMA, 1996) the following classes of activity will be carried out on the site:

Third Schedule-Waste Disposal Activities

11. *Blending or Mixture prior to submission to any activity referred to in this (Third) Schedule.*
12. *Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.*
13. *Storage prior to submission to any activity referred to in this (Third) Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.*

Fourth Schedule-Waste Recovery Activities

2. *Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).*
3. *Recycling or reclamation of metals and metal compounds.*
4. *Recycling or reclamation of other inorganic materials.*

11. *Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.*
12. *Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.*
13. *Storage of waste intended for submission to any activity referred to in a preceding paragraph of this (Fourth) Schedule, other than temporary storage, pending collection, on the premises where the such waste is produced.*

A.3 Quantity and Nature of the Waste to be Disposed

This section relates to Article 12(1)(g)

The SK&S facility handles commercial, construction and demolition, industrial and household wastes. The Company handles 16,500 tonnes per annum of non-hazardous waste. It is proposed to increase the amount of waste handled to 30,000 t/a. It is expected to recycle approximately 50% of this material.

A.4 Raw and Ancillary Materials, Substances, Preparations used on the Site

This section relates to Article 12(1)(h)

The main raw materials used on site are diesel, potable water and electricity. Minor amounts of engine oil and hydraulic oil are used in the day-to-day operation of the facility. The quantities are provided in Section 3.5.7 of the EIS.

A.5 Plant Operating Procedures

This section relates to Article 12(1)(i)

The facility currently operates from 8:00 am to 5:00 pm Monday to Friday and from 8:00am to 12:30pm on Saturday. The Company employs a total of 35 full time staff. Plant currently used at the facility includes 1 (No.) trommel, 1 (No.) front end loader, 1 (No.) timber shredder, 1 (No.) forklift, 1 (No.) picking station, 1 (No.) shredder, 1 (No.) cardboard baler. It is proposed to purchase 1 (No.) new telehandler with claw and 1 (No.) excavator.

Waste processing operations on site are currently carried out in the existing waste recycling building. Skip waste from commercial premises and construction and demolition sites is segregated on the floor of the processing yard and processed on the picking line. Metal and wood

are extracted for recycling and stored in the recycling bays in the yard area. Cardboard is segregated and baled for transfer to markets. Residual waste is sent to landfill.

The Company will agree all processes and engineering works in advance with the EPA.

The site will be operated and monitored in accordance with conditions issued by the EPA and specified in the Waste Licence. Regular environmental monitoring will be carried out and an annual status report will be prepared and submitted to the EPA.

A.6 Emissions

This section relates to Article 12(1)(k)

The potential emissions from the facility are divided into emissions to air, groundwater, surface water and noise emissions.

Emissions to Air

See Section 3.7.1 of the EIS

Emissions to Groundwater

See Section 3.7.2 of the EIS

Emissions to Surface Water

See Section 3.7.3 of the EIS

Noise Emissions

See Section 3.7.4 of the EIS

A.7 Assessment of the Effects of Emissions on the Environment

This section relates to Article 12(1)(1)

The impacts on groundwater and surface water from effluent discharge and potential air and noise impacts were seen as potential negative effects of the development and mitigation

measures for each of these issues are proposed. It is predicted that there will be no significant adverse effects from the development after mitigation measures are in place.

A.8 Information related to Section 40(4) (a) to (d) of the WMA, 1996

This section relates to Article 12(1)(j)

A.8.1 Compliance with Emissions

Dust

There are no National or EU standards for dust deposition. By law the plant will be required to be in compliance with Air Pollution Act, 1987. Dust levels measured at the site were elevated when compared to the EPA recommendation of 350 mg/m²/day. However, dust levels recorded at the western and northwestern boundaries of the site (upwind) were higher than the levels recorded downwind of the site. Dust emissions are not expected to pose a problem at the upgraded facility as the entire site will be roofed-in and a dust suppression spray system installed thereby preventing the escape of any dust.

Odours

Odours from the site have not been a problem in the past. For this reason it is not considered necessary to monitor odours at the site. There are no National or EU standards for odour emissions. In the event of receiving complaints from neighbouring premises with regard to odours, details will be taken on a complaint form and appropriate remedial action will be taken to reduce odour emissions and this action will have regard to the principles of BATNEEC. Odours, if they arise, will also be mitigated by the use of deodorizing agents in the dust control system.

Noise

There are no legal limits currently in place for noise emissions from industry. The EPA have set a day-time guideline for LAeq of 55 dB(A) and a nighttime level of 45 dB(A) at sensitive locations. Processing all waste indoors in the proposed new recycling building will reduce noise emissions for the facility.

Water

The risk to the groundwater posed by the activities at the site are considered insignificant and no groundwater monitoring is proposed. Processing and storing all waste inside a fully contained building with concrete floors and lower walls will serve to eliminate potential leachate generation from rainfall. Any soiled water generated from floor wash down will be contained within the building, collected to the storage tanks in the southwestern corner of the site and tankered off site to the wastewater treatment plant at Enniscorthy. Foul water from the canteen, toilets and

washrooms will be treated in a proposed wastewater treatment plant on site and discharged to groundwater in the percolation area located adjacent to the western boundary wall. This system will ensure minimal impact on local groundwater from the facility.

A.8.2 Environmental Pollution

The design and operating practices that ensures that environmental pollution is avoided are listed below.

Risk to Waters is avoided by:

- All hydrocarbon tanks will be bunded.
- Only clean roof water will discharge to the surface water drains.
- All waste materials will be handled in a covered building with concrete floors.
- All floors within the building will be concreted.
- All foul water will be contained, collected and treated either on site or at the Enniscorthy wastewater treatment plant.

Risk to the Atmosphere is avoided by:

- The retention time of waste at the site is insufficient to allow formation of decomposition gases.
- All wastes will be processed inside the main building and dust and odours will be controlled by the dust suppression spray system.

Risk to Land, Soil, Plants or Animals is avoided by:

- Risk to land and soil beneath the site is avoided by the same controls that avoid risk to Waters as described above.
- Risk to plants and animals is avoided by location of the development removed from areas of special ecological importance. The flora and fauna in the vicinity of the site are not considered sensitive to the site activities.

Nuisance through Noise, Odours or Litter is avoided by:

- All wastes will be handled in a contained building and all vehicles carrying these wastes are and will continue to be covered.
- Daily litter patrols are, and will be, carried out at the site.

These pollution control measures will also have the effect of reducing the nuisance of dust emissions from the site.

Adverse effects on the country side or places of interest are avoided by:

- Operating the site with adequate environmental controls.

A.8.3 - Best Available Technology not Entailing Excessive Costs (BATNEEC)

With respect to the SK&S facility the principal of employing BATNEEC is being applied in respect to emissions as follows.

SK&S has, and will, employ modern management practices and continue to commit financial resources in order to control all nuisance emissions and ensure protection of the environment. The existing modern management practices include transporting waste within covered vehicles, regularly cleaning site surfaces and regularly patrolling for litter.

The existing and proposed equipment on site such as picking lines, shredder, loading shovels, baler, compactor and weighbridge are examples of the best available technology for such facilities.

Specialist consultants have and will also be retained as required to monitor potential nuisances and all relevant environmental media set out by the EPA. The consultants will inform the company on a regular basis of improvements in pollution abatement or other relevant technology. The costs of the facility and adhering to the modern management practices will be financed from SK&S's annual revenues or short term bank loans.

A.8.4 Fit and Proper Person

As stated in Section L.1, no employee of SK&S has been convicted of an offence under the

Waste Management Act 1996.

As outlined in Section L.2, the Managing Director has 20 years experience in the waste business. Financial commitments may be required to cover decommissioning, aftercare management and environmental pollution. The Company's sound financial position and its ability to cover the cost of environmental issues at the site are outlined in Section L.3.

A.9 Monitoring and Sampling Points

This section relates to Article 12(1)(m)

Proposed environmental monitoring is as follows :

Dust	-three times a year (twice in Summer and once in Winter)
Noise	-annually
Surface Water Discharge	-quarterly
Foul Water Discharge (from storage tanks)	-one load in four
Wastewater treatment plant discharge	-quarterly

A.10 Off-site Treatment or Disposal of Wastes

This section relates to Article 12(1)(n)

The destination of wastes currently leaving the facility are outlined in Section 1.7.2 of the EIS. All residual wastes that cannot be recycled are disposed of at licensed landfill sites.

A.11 Emergency Procedures to prevent Unexpected Emissions

This section relates to Article 12(1)(o)

In the event of unexpected contaminated water emissions, the surface water discharge pipes will be cut off with shut-off valves.

Additional measures outlining procedures to be taken in the event of emergencies are outlined in Section 3.10 of the EIS.

A.12 Closure, Restoration and Aftercare of the Site

This section relates to article 12(l)(p)

Operations at the facility are ongoing with an open ended life span and to date a closure plan has not been developed. In the event of the closure of the facility a closure plan will be developed as outlined in Attachment G.1 (and in Section 3.9 of the EIS).

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ATTACHMENT C
PLANNING APPLICATION

*For inspection purposes only.
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PLANNING REG. NO.: _____ FEE PAID: _____ RECEIPT No.: _____ DATE: _____

WEXFORD COUNTY COUNCIL

COMHAIRLE CHONTAE LOCH GARMAN

COUNTY HALL, WEXFORD,

TEL: (053) 42211

FAX: (053) 85054

EMAIL: postmaster@wexfordcoco.ie

PLANNING APPLICATION FORM

ALL QUESTIONS MUST BE ANSWERED

- A. PERMISSION
 B. PERMISSION FOR RETENTION
 C. OUTLINE PERMISSION
 D. PERMISSION CONSEQUENT ON THE GRANT OF OUTLINE PERMISSION

C

IN THE CASE OF D ABOVE, PLEASE STATE PLANNING AUTHORITY REGISTER REFERENCE NUMBER OF OUTLINE PERMISSION _____

PART 1

- 1) NAME AND ADDRESS OF APPLICANT(S) SEAMUS A KELLY & SONS COURTNAGUDDY, ENNISCORTHY, Co. WEXFORD
 TELEPHONE NUMBER _____ E-MAIL ADDRESS (IF ANY) _____
- 2) IF APPLICANT IS A COMPANY: NAME OF COMPANY DIRECTORS _____ REGISTERED ADDRESS OF COMPANY _____
 COMPANIES OFFICE REGISTRATION NUMBER _____
 (ATTACH COPY OF CERTIFICATE OF INCORPORATION)
- 3) NAME AND ADDRESS OF PERSON ACTING ON BEHALF OF APPLICANT JIM KAVANAGH, 4 O' NEILLS TERRACE, MILLAPRK RD, ENNISCORTHY TELEPHONE NUMBER 087 2616 065
- 4) NAME AND ADDRESS TO WHICH CORRESPONDENCE IS TO BE SENT AS POINT NO 3 ABOVE
- 5) LOCATION TOWNLAND AND POSTAL ADDRESS OF LAND OR STRUCTURE CONCERNED RAMSTOWN LOWER, GOREY
- 6) INTEREST IN LAND OR STRUCTURE - OWNER OTHER (PLEASE SPECIFY) OWNER
- 7) NAME AND ADDRESS OF OWNER (IF NOT APPLICANT) AS QUESTION 1
- 8) NATURE AND EXTENT OF DEVELOPMENT ERECTION OF PORTAL FRAME UNIT OVER EXISTING YARD
- 9) AREA OF LAND SPACE (IN HECTARES) TO WHICH THE APPLICATION REFERS 0.2447 HA
- 10) WHERE THE APPLICATION RELATES TO A BUILDING OR BUILDINGS, INDICATE:
 (i) GROSS FLOORSPACE OF BUILDING (S) 1,298 SQM PROPOSED ROOF AREA _____ SQ. METRES
 (PLEASE SPECIFY FOR EACH INDIVIDUAL BUILDING)
- (ii) THE NUMBER OF HOUSES (IF ANY) TO BE PROVIDED: N/A
- (iii) DISTANCE OF BUILDING LINE FROM ROADSIDE BOUNDARY: 76.68m metres

(11) FOR APPLICATIONS FOR MATERIAL CHANGE OF USE OR FOR THE RETENTION OF ANY SUCH MATERIAL CHANGE OF USE, PLEASE STATE:
(i) THE EXISTING USE N/A (ii) THE PROPOSED USE
N/A

III) NATURE AND EXTENT OF ANY SUCH PROPOSED USE _____

(12) DOES THE PROPOSAL INVOLVE DEMOLITION OF HABITABLE HOUSE IN WHOLE OR PART: YES NO

(13) DOES THE DEVELOPMENT CONSIST OF OR COMPRISE THE CARRYING OUT OF WORKS TO A PROTECTED STRUCTURE OR PROPOSED PROTECTED STRUCTURE: YES NO

IF SO, HAS IT BEEN SUBJECT TO A DECLARATION ORDER. IF YES, GIVE DATE OR REFERENCE: N/A

(14) DOES THE DEVELOPMENT COMPRISE, OR IS IT FOR THE PURPOSES OF, AN ACTIVITY IN RELATION TO WHICH AN INTEGRATED POLLUTION CONTROL LICENCE OR WASTE LICENCE IS REQUIRED: YES NO

(15) IS THE DEVELOPMENT OF A CLASS REQUIRING THE PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT AS PRESCRIBED IN SCHEDULE 5 TO THE PLANNING REGULATIONS 2001 YES NO IF YES, AN EIS SHOULD ACCOMPANY THIS APPLICATION.

(16) **NEWSPAPER NOTICE:**

(i) NAME OF NEWSPAPER THE ECHO (ii) DATE OF PUBLICATION 18TH AUGUST 2004

(17) DATE SITE NOTICE WAS ERECTED 18TH AUGUST 2004

(18) AMOUNT OF FEE ENCLOSED AND THE BASIS FOR THIS CALCULATION €3.60 X 1,298 = €4,672.8

(19) GIVE DETAILS OF ANY PLANNING APPLICATION MADE PREVIOUSLY FOR THIS SITE OR WITHIN THE OVERALL LANDHOLDING PLANNING PERMISSION GRANTED ON SITE UNDER PLANNING REGISTER NUMBER 950081

(20) TOTAL AREA OF LAND OWNED BY LANDOWNER: 0.2447 HA

(21) EXISTING USE OF LAND OR STRUCTURE REFUSE TRANSFER STATION

(22) **WATER SUPPLY**

PUBLIC MAIN GROUP SCHEME PRIVATE WELL

OTHER: SPECIFY _____ EXISTING SUPPLY ON SITE YES NO

(23) **SEWAGE DISPOSAL** PUBLIC SEWERAGE SEPTIC TANK TREATMENT SYSTEM

IF TREATMENT SYSTEM, SPECIFY TYPE CLEAR WATER ENVIRONMENTAL SOLUTIONS

IF **NOT** PUBLIC SEWER, ARE CERTIFIED PERCOLATION AND TRIAL HOLE RESULTS ATTACHED YES NO

(25) **SIGHT DISTANCE**

IS ADEQUATE SIGHT DISTANCE AVAILABLE AT SITE ENTRANCE IN ACCORDANCE WITH THE COUNTY WEXFORD DEVELOPMENT PLAN 2001? N/A IF YES, PLEASE INDICATE ON SITE LAYOUT PLAN

IF NOT, PLEASE STATE WHAT REMEDIAL WORKS ARE PROPOSED _____

IF REMEDIAL WORKS INVOLVE PROPERTY NOT WITHIN APPLICANT'S OWNERSHIP, HAS CONSENT OF LANDOWNER(S) BEEN OBTAINED?

(ATTACH WRITTEN CONSENT) N/A

(26) **MISCELLANEOUS**

(A) ARE THERE ESB LINES CROSSING THE SITE? YES NO

IF SO, SUBMIT A LETTER FROM THE ESB INDICATING THAT IT HAS NO OBJECTION TO THE PROPOSED DEVELOPMENT

(B) DOES ANY PART OF THE SITE CONTAIN AN AREA OF ARCHAEOLOGICAL INTEREST AS NOTED ON THE SITES AND MONUMENTS RECORDS FOR COUNTY WEXFORD? YES NO IF YES, PLEASE INDICATE PROPOSALS FOR PROTECTING THE SITES ARCHAEOLOGICAL VALUE _____

(C) DOES THE SITE LIE WITHIN A NATURAL HERITAGE AREA, A SPECIAL AREA OF CONSERVATION OR A SPECIAL PROTECTION AREA FOR BIRDS? YES NO IF YES, PLEASE SUBMIT ASSESSMENT OF THE ECOLOGICAL IMPACT OF THE PROPOSED DEVELOPMENT. N/A

(27) WHERE A DWELLING FORMS PART OF A GROUP OF HOUSES, WHO IS TO BE RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF ALL OF THE COMMON SERVICES SUCH AS ROADS, FOOTPATHS, SEWERS, LIGHTING AND FIRE HYDRANTS, OPEN SPACE, ETC?
N/A

INCLUDE EVIDENCE OF ALL RELEVANT LEGAL AGREEMENTS OR COMMITMENTS TO ENTER INTO SUCH AGREEMENTS IF PERMISSION IS GRANTED
(28) HAVE YOU EVER HAD A PRE-PLANNING CONSULTATIONS IN RELATION TO THIS APPLICATION WITH WEXFORD COUNTY COUNCIL? IF YES, REFERENCE NUMBER N/A DATE OF MEETING, IF ANY A MEETING WAS HELD

PART 2

THIS PART OF THE APPLICATION FORM SHOULD BE COMPLETED IN RESPECT OF SINGLE RURAL HOUSING APPLICATIONS.

- (1) REASON FOR SELECTING THIS SITE N/A
- (2) USE OF PROPOSED DWELLING(S):
OWN USE/PERMANENT RESIDENCE HOLIDAY HOME TO LET FOR SALE
- (3) ARE YOU (OR SPOUSE/PARTNER) NATIVES OF COUNTY WEXFORD? YES NO
- (4) ARE YOU (OR SPOUSE/PARTNER) ESTABLISHED RESIDENTS OF THE AREA? YES NO
IF YES PLEASE GIVE DETAILS BORN IN THE AREA
- (5) HOW LONG ARE YOU LIVING AT YOUR CURRENT ADDRESS? N/A
- (6) IS YOUR CURRENT ACCOMMODATION: OWNED RENTED OTHER PLEASE SPECIFY _____
- (7) RELATIONSHIP TO LANDOWNER N/A
- (8) PLACE OF WORK N/A
- (9) DISTANCE TO WORK FROM PRESENT ADDRESS N/A K.M. FROM PROPOSED DEVELOPMENT N/A K.M.
- (10) HAS APPLICANT SPECIFIC NEED TO LIVE AT THIS LOCATION? IF YES, PLEASE SPECIFY N/A
- (11) DOES THIS APPLICATION COMPLY WITH THE RURAL HOUSING POLICY OF THE COUNTY WEXFORD DEVELOPMENT PLAN 2001
YES NO
- (12) INDICATE IF, IN THE EVENT OF A GRANT OF PERMISSION, YOU WOULD BE WILLING TO ACCEPT AN OCCUPANCY CONDITION RESTRICTING THE FIRST OCCUPANCY OF THE PROPOSED HOUSE FOR A PERIOD OF 7 YEARS, AS A PLACE OF PERMANENT RESIDENCE TO YOURSELF AND OTHER MEMBERS OF YOUR IMMEDIATE FAMILY ONLY: YES NO
- (12) INDICATE IF, IN THE EVENT OF A GRANT OF PERMISSION, THE LANDOWNER WOULD BE WILLING TO ENTER INTO A FORMAL AGREEMENT FOR A PERIOD OF 7 YEARS NOT TO DEVELOP FURTHER SITES? IF YES, SUBMIT LETTER OF CONSENT FROM LANDOWNER AND A MAP SHOWING EXTENT OF THE ENTIRE LANDHOLDING: _____

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PART 3

TO BE COMPLETED WITH RESPECT TO COMMERCIAL/INDUSTRIAL DEVELOPMENTS

- (1) NUMBER OF PEOPLE TO BE EMPLOYED 4 NUMBER
- (2) AMOUNT AND NATURE OF TRAFFIC TO THE DEVELOPMENT 25 TRUCKS PER DAY
- (3) NUMBER OF CAR PARKING SPACES 2 NO.

- (4) PROPOSED HOURS OF OPERATION 8AM-6PM
- (5) NATURE OF THE PROCESS TO BE CARRIED OUT WASTE TRANSFER STATION
- (6) NATURE AND AMOUNT OF RAW MATERIALS/GOODS TO BE DELIVERED TO PREMISES DOMESTIC RECYCLABLE, COMMERCIAL RECYCLABLE, DRY RECYCLABLE, BUILDERS RUBBLE, DRY RECYCLABLE, 220 TONNES PER WEEK
- (7) PROPOSALS FOR LOADING/UNLOADING LOADING SHOVEL, AUGHER
- (8) WHERE WILL RAW MATERIALS/GOODS BE STORED ON SITE
- (9) NATURE AND AMOUNT OF WASTE PRODUCTS 220 TONNES PER WEEK
- (10) WHERE WILL WASTE PRODUCTS BE STORED ON SITE
- (11) HOW AND WHERE WILL THEY BE DISPOSED OF REDISTRIBUTED FOR RECYCLING
- (12) NUMBER OF CAR PARKING SPACES TO BE PROVIDED FOR VISITORS/CUSTOMERS 4 NUMBER
- (13) ESTIMATED NOISE LEVELS FROM PROPOSED DEVELOPMENT AS PER EPA APPLICATION DETAILS

PART 2

TO BE COMPLETED WITH RESPECT TO AGRICULTURAL DEVELOPMENT

- (1) AREA OF LANDHOLDING IN VICINITY OF PROPOSED SITE (ATTACH MAP) _____
- (2) NUMBER AND TYPE OF ANIMALS: _____
- (3) ESTIMATED AMOUNT AND TYPE OF WASTE _____
- (4) MEANS OF WASTE COLLECTION _____
- (5) SIZE/CAPACITY OF SLURRY TANK: EXISTING _____ PROPOSED _____ (METRES SQUARED)
- (6) MEANS OF SILAGE EFFLUENT COLLECTION _____
- (7) MEANS OF COLLECTION OF SOILED YARDS RUNOFF _____
- (8) MEANS OF EFFLUENT DISPOSAL _____
- (9) MONTHS DURING WHICH WASTE WILL BE SPREAD ON LAND _____
- (10) FULL DETAILS OF LANDS ON WHICH WASTE WILL BE SPREAD (INCLUDING MAPS) AND ENCLOSE LETTERS OF CONSENT FROM LANDOWNERS OF LANDS NOT IN YOUR OWNERSHIP _____
- (11) MEANS OF COLLECTING ROOF WATER (CLEAN) _____
- (12) MEANS OF DISPOSING OF ROOF WATER _____

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TO BE COMPLETED AS AN APPLICATION

I CERTIFY THAT ALL DRAWINGS, ELEVATIONS, SECTION AND SITE LAYOUT PLANS ARE ACCURATELY SCALED AND ARE CONSISTENT WITH EACH OTHER.


SIGNATURE APPLICANT/AGENT

18TH AUGUST 2004
DATE

APPLICATION TO PLANNING AUTHORITY

We SEAMUS A KELLY AND SONS

MAKE APPLICATION TO WEXFORD COUNTY COUNCIL FOR

PERMISSION

PERMISSION FOR RETENTION

OUTLINE PERMISSION

PERMISSION CONSEQUENT ON THE GRANT OF OUTLINE PERMISSION
RELEVANT OUTLINE PERMISSION REGISTER NO _____
AT THIS SITE AT

RAMSTOWN LOWER, GOREY

ERECTION OF PORTAL FRAME UNIT OVER EXISTING YARD

This planning application may be inspected or purchased at the offices of the Planning Authority, County Hall, Wexford during the hours of 10.00a.m. to 4.00p.m. Monday – Friday. A submission or observation in relation to the application may be made in writing to the Planning Authority on payment of a fee of €20 within 5 weeks beginning on the date of receipt by the Authority of the application.

SIGNATURE OF APPLICANT OR SIGNATURE OF PERSON ACTING ON BEHALF OF APPLICANT: *Jim Kavanagh* 

CONTACT ADDRESS OF PERSON ACTING ON BEHALF OF APPLICANT:
4 O' Neills Terrace, Millpark Rd, Enniscorthy, Co. Wexford

DATE OF ERECTION OF NOTICE 21st OCT 2004

ENNISCORTHY PLANNING SERVICES

Architectural & Planning Services



4 O' Neills Terrace, Millpark Rd, Enniscorthy, Co. Wexford.
Tel/fax: (054) 43446, Mobile No: (087) 2616065

Planning Dept.
County Hall,
Wexford.
18th August 2004

Dear Sir/Madam,

The following planning application is for the erection of portal frame unit over existing yard at Ramstown, Gorey. The yard is currently used for the purpose of refuse transfer station. The existing yard was granted planning permission under planning register number 950081.

The following documents are attached with this planning application:

	One copy of application checklist	
	Six copies of cover letter	
	Six copies of application	
	Six copies of public notice	
	Six copies of paper notice	
	Six copies of treatment plant details	
Drg. No. 01	Six Copies of site Location Maps	scale 1:10,560
Drg. No. 02	Six copies of site Location Maps	scale 1:2,500
Drg. No. 03	Six copies of site Layout Plan, roof plan	scale 1:500
Drg. No. 04	Six copies of floor plan / site layout	scale 1:200
Drg. No. 05	Six copies of elevations	scale 1:200
Drg. No. 06	Six copies of elevations & section	scale 1:200
Drg. No. 07	Six copies of overall site layout showing adjacent Existing buildings and entrance to site	scale 1:1,000

The existing roof is shown shaded green on the site layout plans and elevations, proposed new portal frame to cover existing yard is shaded in green on all plans and elevations. The proposed cladding and roofing materials will be match as close as possible to the existing colors.

The entire site is to be covered in with the exception of area over existing weigh bridge due to the proposed treatment plant. The percolation area for the treatment plant is located outside of the site as granted under planning register number 950081.

The surface water is to be disposed of to existing surface water drain in centre of the existing yard. This drain is currently blocked and is in the process of being cleared out. This drain was the means of disposal of surface water from the site but was blocked in recent past with a build up of silt and dirt.

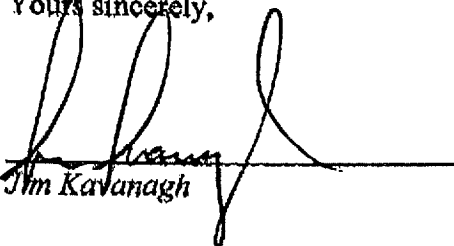
Note:

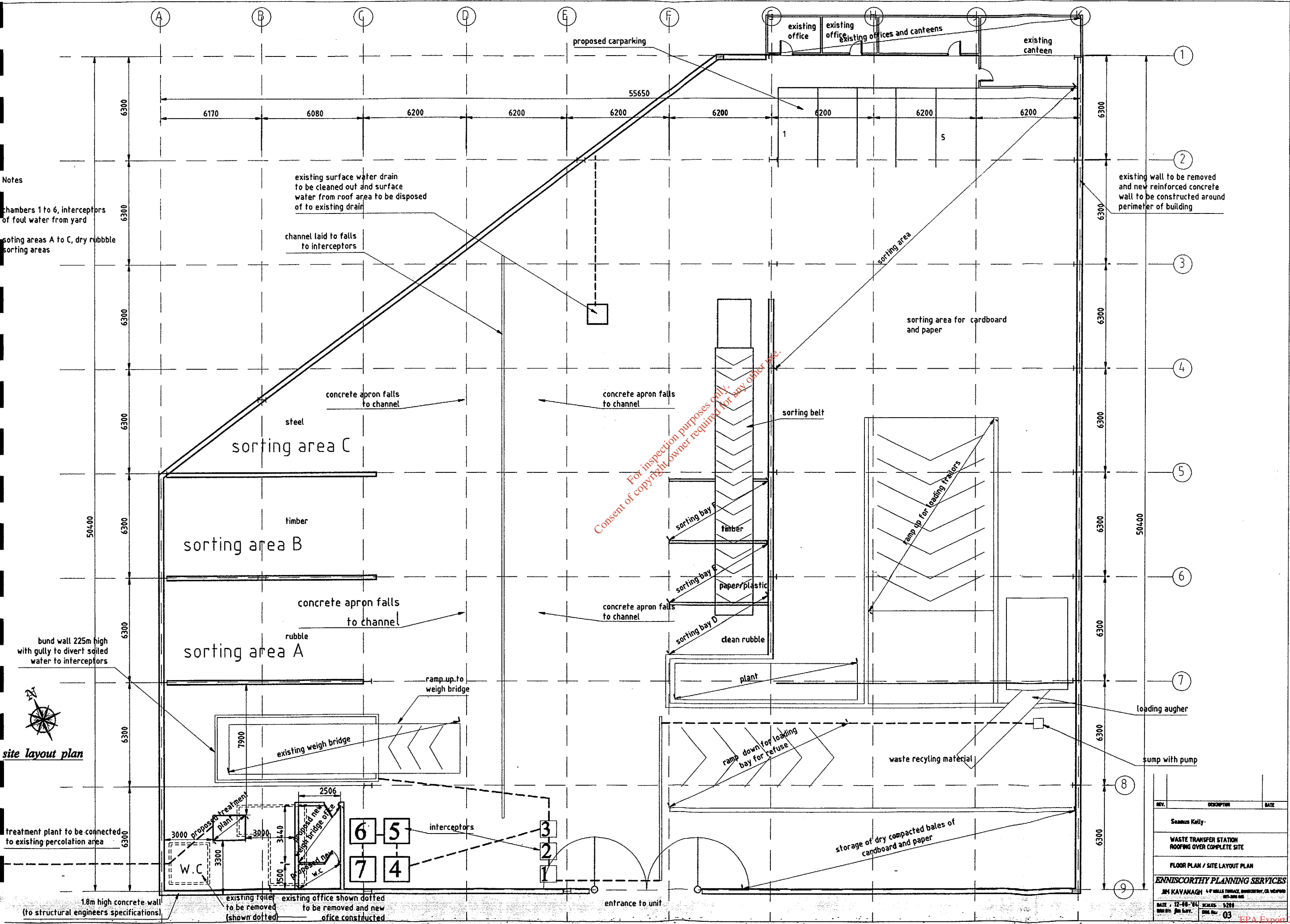
An application has been made to the EPA licence, which is been carried out by White Young & Green Consultants, Dublin.

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If you have any queries on this matter please do not hesitate to contact me on either of the above numbers.

Yours sincerely,


Jim Kavanagh



Notes
 chambers 1 to 6, interceptors
 of foul water from yard
 sorting areas A to C, dry rubble
 sorting areas

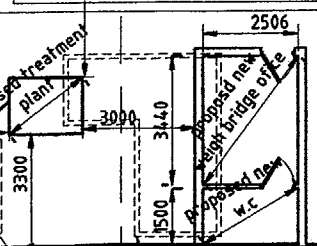
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site layout plan

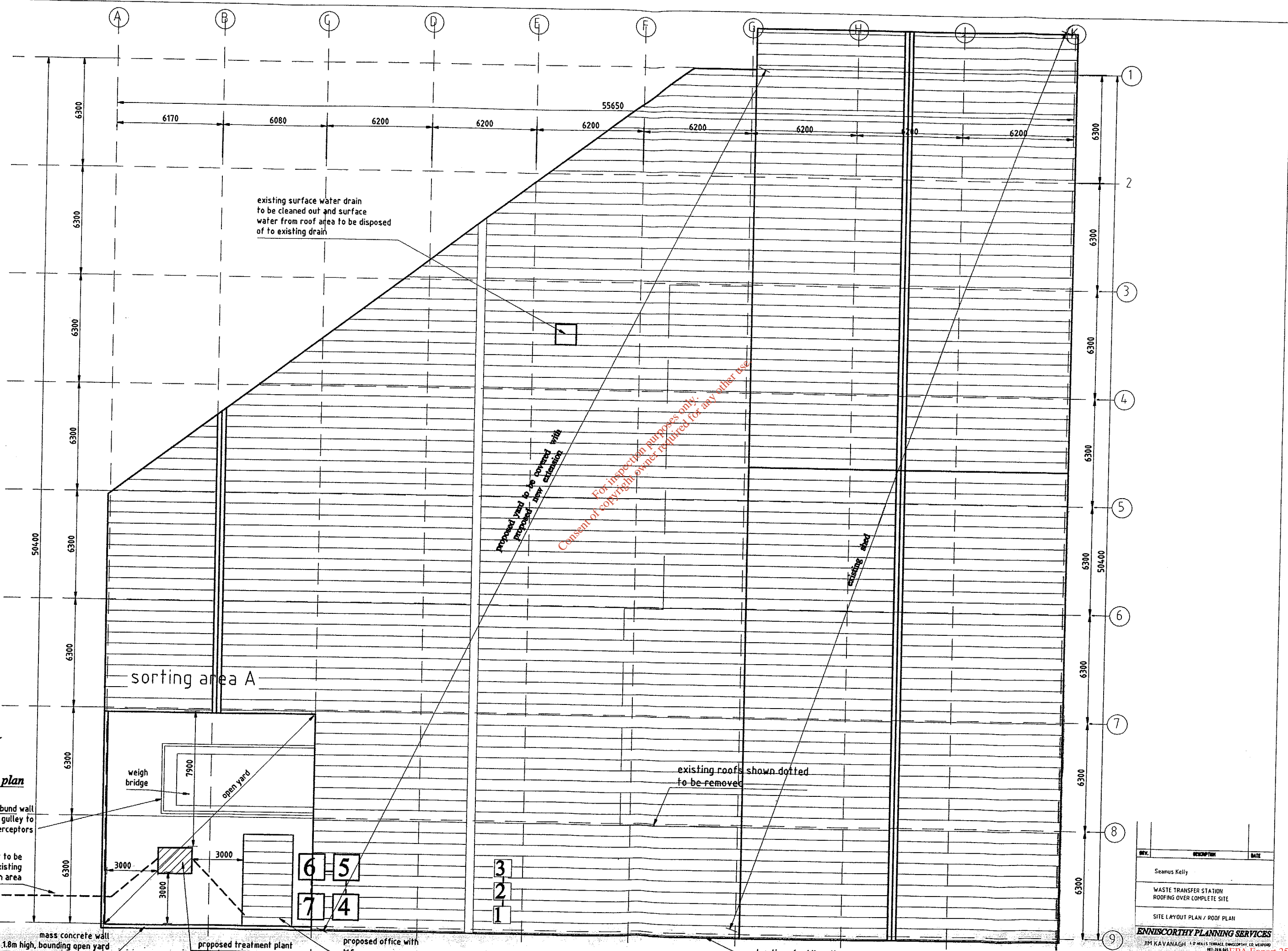
treatment plant to be connected
 to existing percolation area

1.8m high concrete wall
 (to structural engineers specifications)



existing toilet
 to be removed
 (shown dotted)
 existing office shown dotted
 to be removed and new
 office constructed

REV.	DESCRIPTION	DATE
	Seamus Kelly	
	WASTE TRANSFER STATION ROOFING OVER COMPLETE SITE	
	FLOOR PLAN / SITE LAYOUT PLAN	
	ENNISCORTHY PLANNING SERVICES	
	JIM KAVANAGH 4 P HILLS TRAIL, ENNISCORTHY, CO. WEXFORD 017-936 005	
	DATE: 12-08-04 SCALE: 1:200	
	DRAWN BY: Jim Kelly	
	CHKD BY: 03	



site layout plan

bund wall with gully to be taken to interceptors
 treatment plant to be connected to existing percolation area

mass concrete wall 1.8m high, bounding open yard

sorting area A

weigh bridge
 open yard

3000
 3000
 3000

proposed treatment plant
 proposed office with w.c.

existing surface water drain to be cleaned out and surface water from roof area to be disposed of to existing drain

proposed yard to be covered with proposed new extension

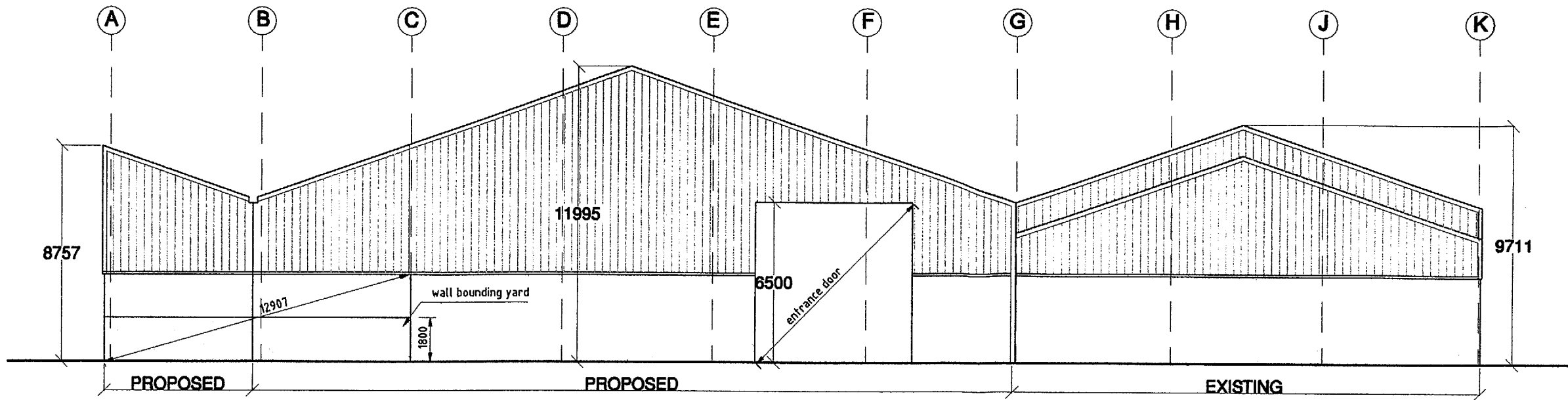
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existing roofs shown dotted to be removed

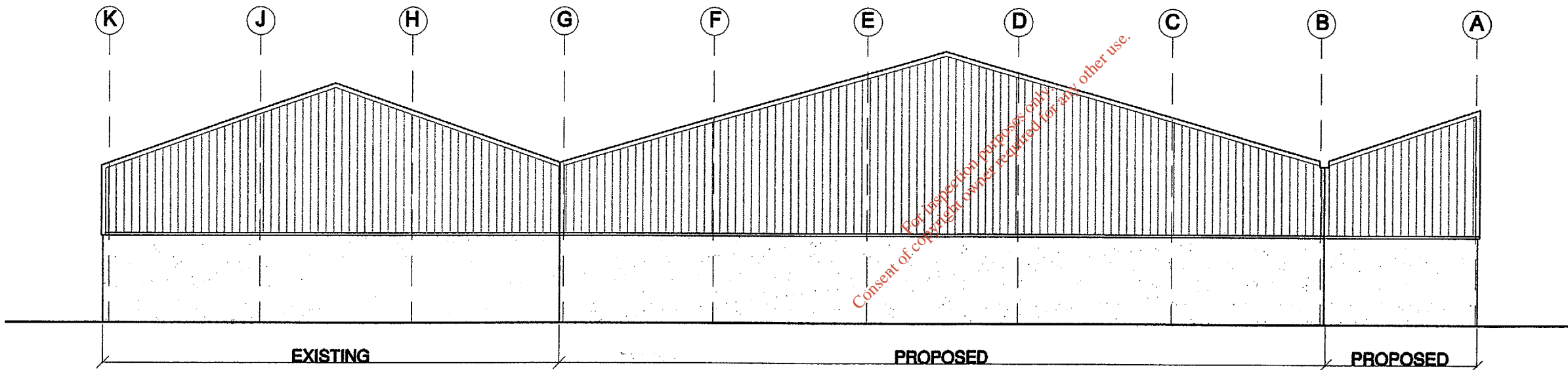
location of public notice

REV.	DESCRIPTION	DATE
1	Seamus Kelly	
2	WASTE TRANSFER STATION ROOFING OVER COMPLETE SITE	
3	SITE LAYOUT PLAN / ROOF PLAN	

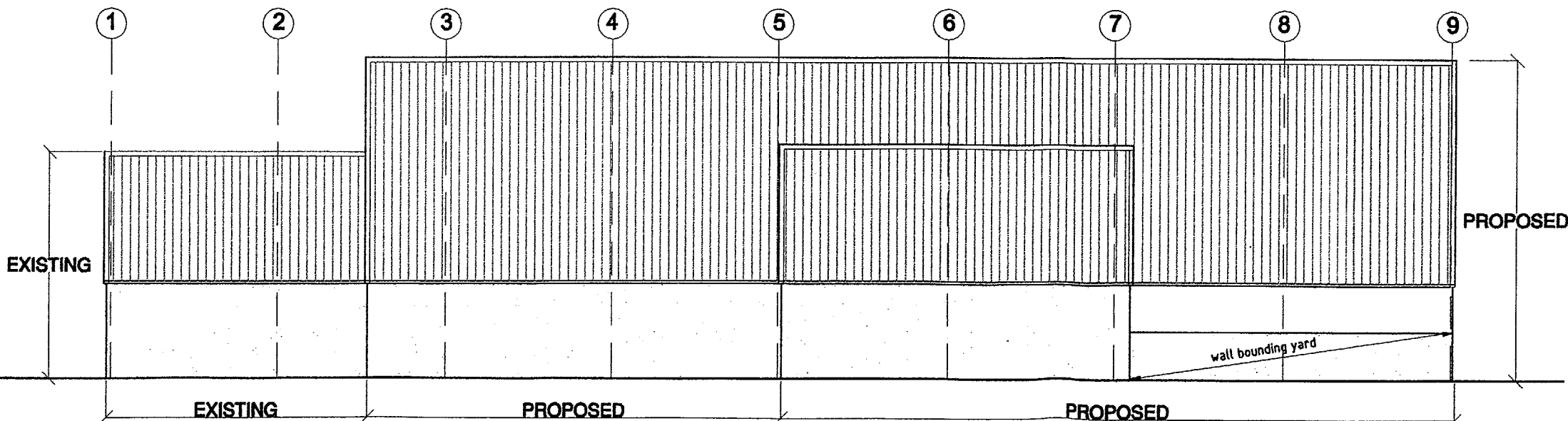
ENNISCORTHY PLANNING SERVICES
 JIM KAVANAGH 4 O'NEILL TERRACE ENNISCORTHY CO. WEXFORD
 087-244 844
 DATE: 12-08-'04 SCALES: 1:100
 EPA Export 25-07-2013:14:05:39



PROPOSED SOUTH ELEVATION

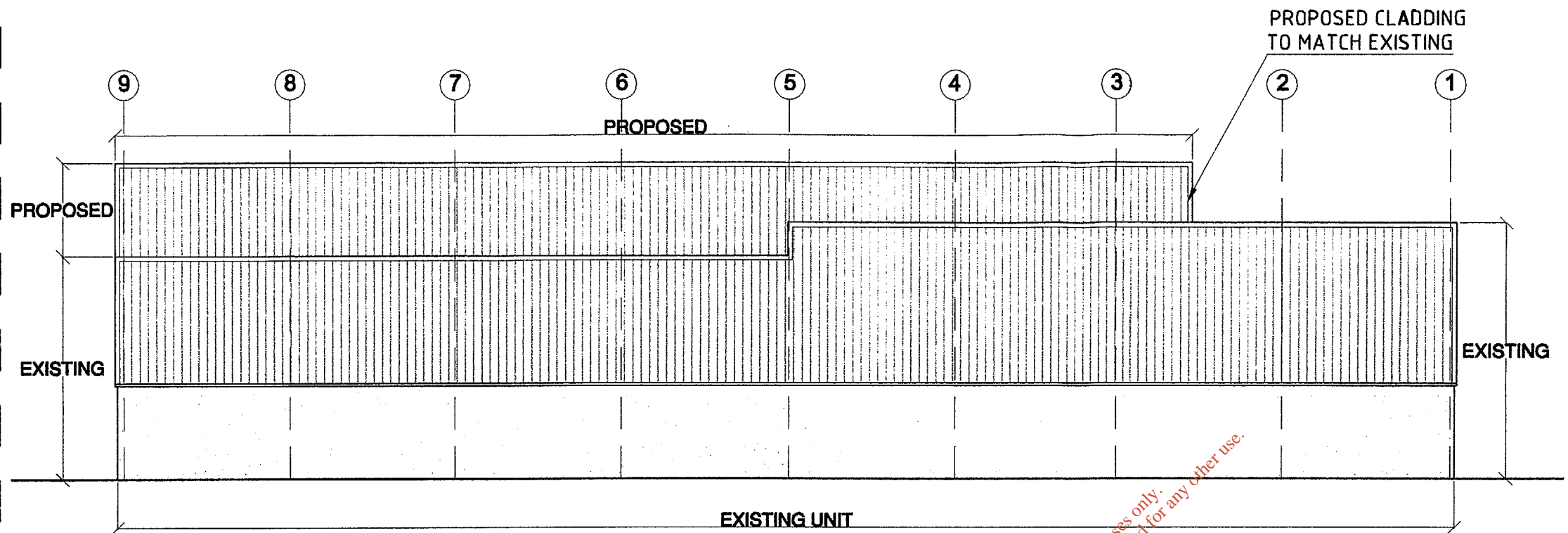


PROPOSED NORTH ELEVATION



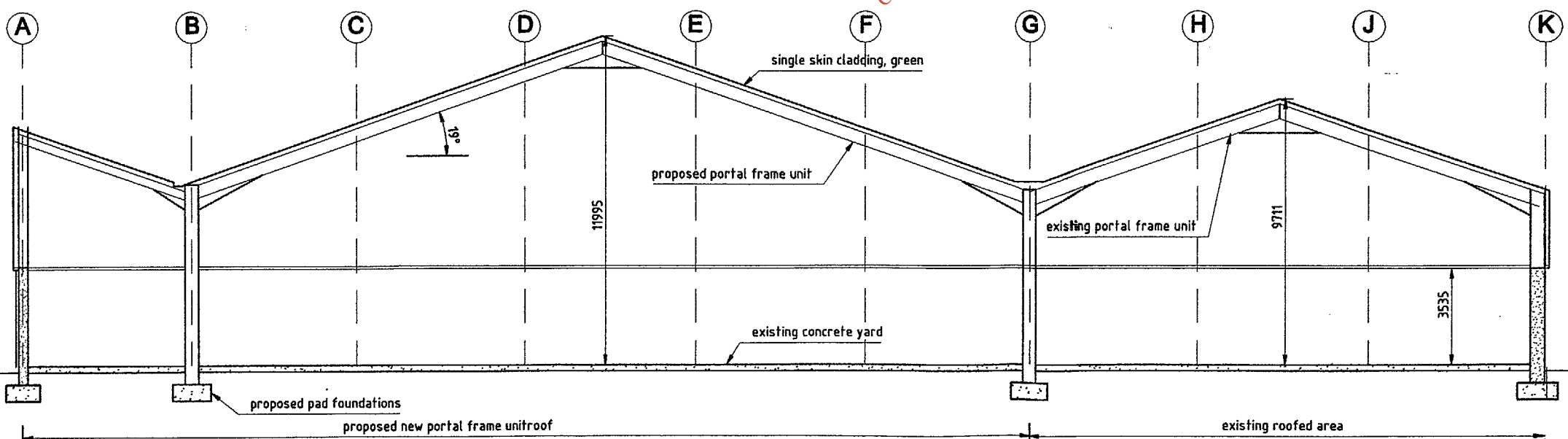
PROPOSED WEST ELEVATION

REV.	DESCRIPTION	DATE
NAME: SEAMUS KELLY		
TITLE: WASTE TRANSFER STATION GOREY BUSINESS PARK GOREY CO WEXFORD		
DWG: ELEVATIONS & SECTION		
ENNISCORTHY PLANNING SERVICES JIM KAVANAGH 4 O' NEILLS TERRACE, ENNISCORTHY, CO WEXFORD 087-2616 065		
DATE	12-08-04	SCALE: 1:200
DRN BY:		DRG. No: 05



PROPOSED EAST ELEVATION

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TYPICAL SECTION

REV.	DESCRIPTION	DATE
NAME: SEAMUS KELLY		
TITLE: WASTE TRANSFER STATION GOREY BUSINESS PARK GOREY CO WEXFORD		
DWG: ELEVATIONS & SECTION		
ENNISCORTHY PLANNING SERVICES		
JIM KAVANAGH 4 O' NEILLS TERRACE, ENNISCORTHY, CO. WEXFORD 087-2616 065		
DATE	12-08-04	SCALE: 1:200
DRN BY:		DRG. No: 06