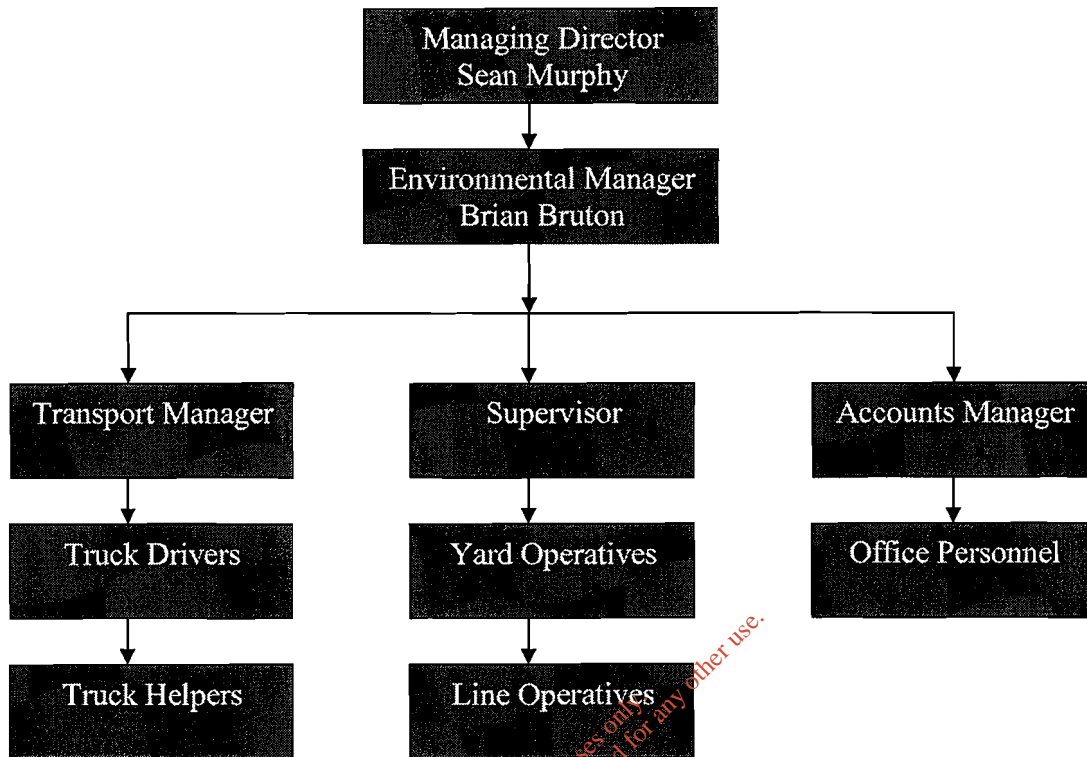


ATTACHMENT C.1

Organisational Chart

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ATTACHMENT D

Internal Layout of MRF

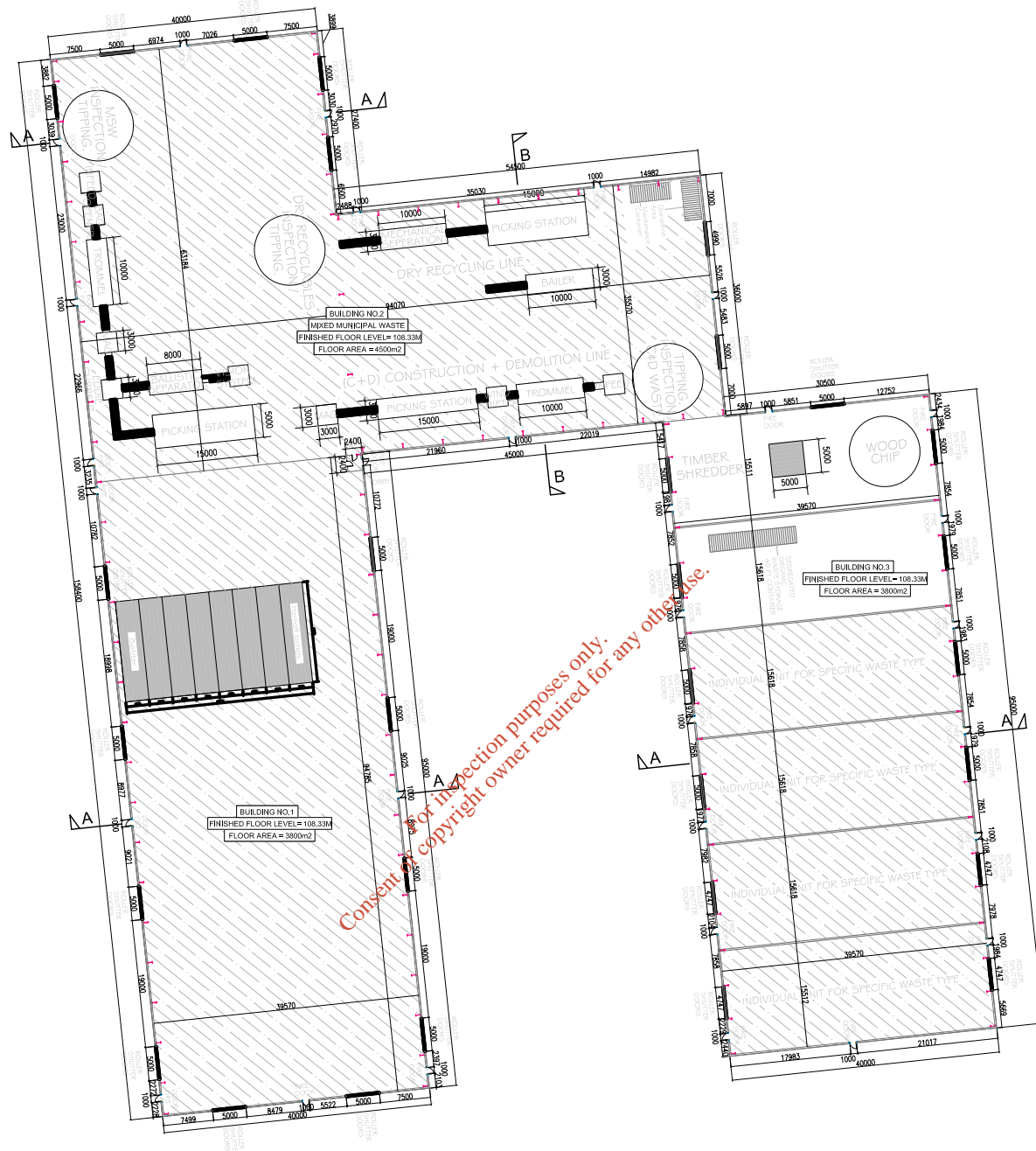
Typical Design of Effluent Tank

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NORTH



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NOTE:
 See Drawing DG0010/01 Rev. P02 for Sections

PROPOSED FLOOR PLAN

SCALE 1/500

| | | |
|---------|--------|-----------------------|
| REV No. | DATE | REVISION |
| D | OCT 08 | More detail on plan |
| C | AUG 08 | fire doors moved |
| B | MAY 08 | extra machinery added |

| | | |
|--------------------|---|-----------------------|
| CLIENT | KERRY CENTRAL RECYCLING FACILITY | |
| JOB TITLE | DEVELOPMENT @ SCART/CAHERDEAN KILLARNEY | |
| DRAWING | PROPOSED INTERNAL LAYOUT FOR MRF - PLAN | |
| SCALE | 1/500 | DATE OCT 08 |
| DRAWING No. | DG0021-01 | ISSUE BK & ROM |
| REV No. | D | DESIGNED |

paudie o'mahoney and associates
 consulting engineers and architects

greenwood court • upper high street • hillberry • co. Kerry
 telephone: (064) 33412 / 33401 • fax: (064) 35387
 mobile: (087) 252 1086 • e-mail: info@paudieomahoney.com

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NOTE:

See Drawing DG0010/01 Rev. P02 for Sections

| | | |
|---------|--------|-----------------------|
| D | OCT 08 | More detail on plan |
| C | AUG 08 | fire doors moved |
| B | MAY 08 | extra machinery added |
| REV No: | DATE: | REVISION: |



paulie o'mahoney
and associates
consulting engineers and architects

governor court • upper high street • idarney • co. Kerry
Telephone: (064) 33412 / 33461 • Fax: (064) 33387
Mobile: (087) 232 1086 • Email: paulie@paulieo.com

CLIENT: KERRY CENTRAL RECYCLING FACILITY

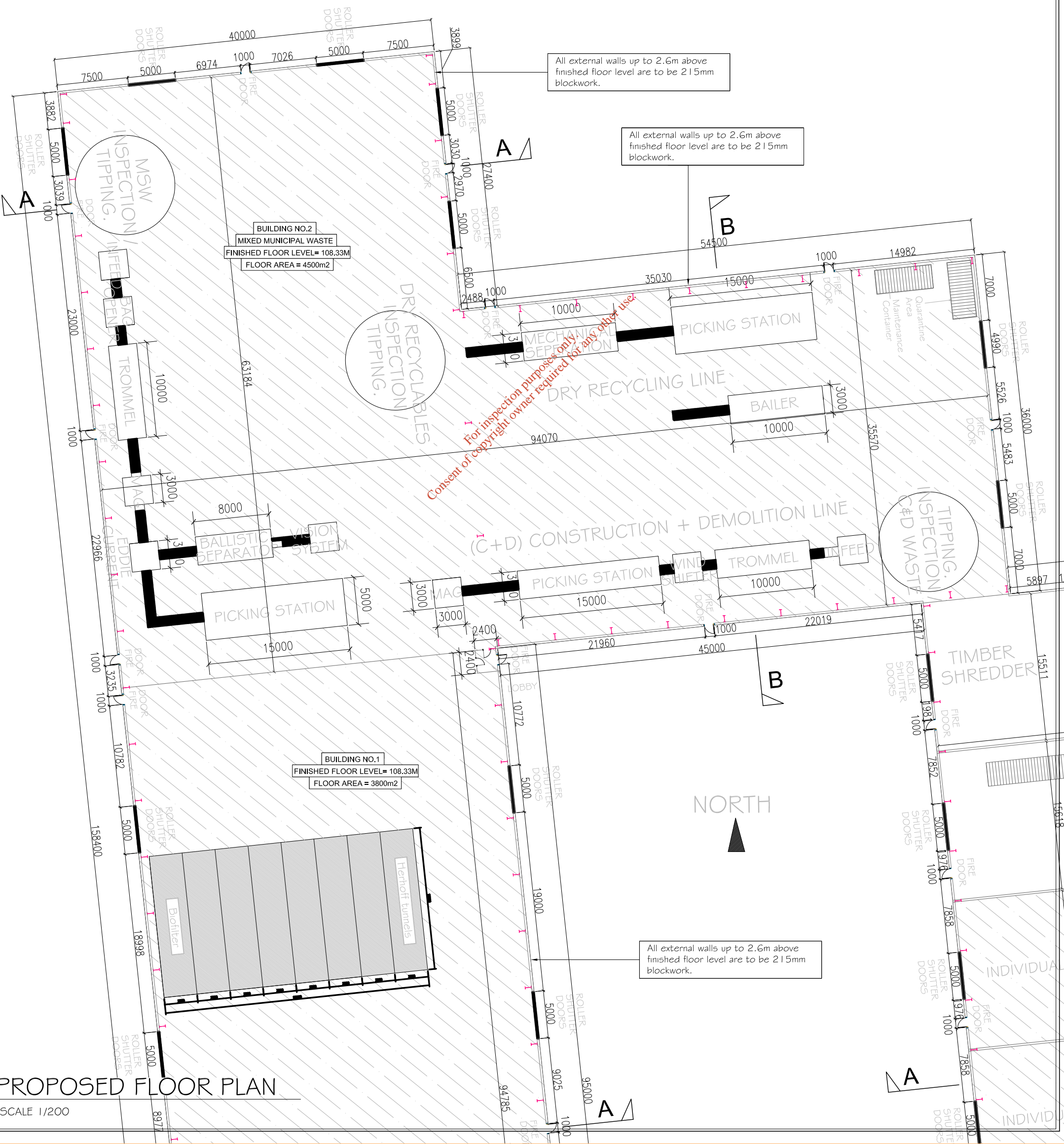
PROJECT TITLE: DEVELOPMENT @ SCART/CAHERDEAN KILLARNEY

DRAWING: PROPOSED INTERNAL LAYOUT FOR MRF PLAN BUILDING NO. 2

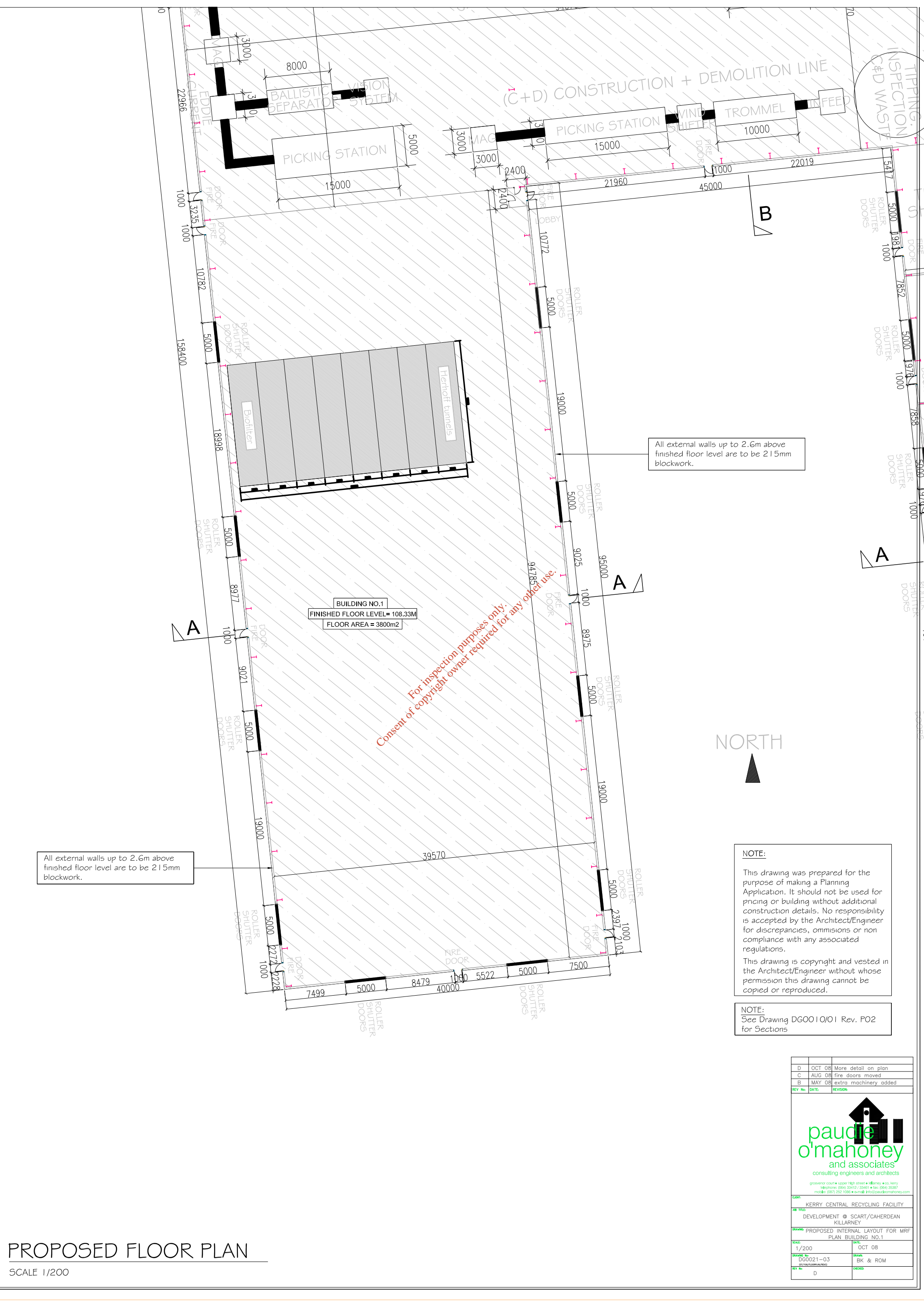
SCALE: 1/200 DATE: OCT 08

DRAWING No: DG0021-02 DRAWN: BK & ROM

REV No: D CHECKED:



PROPOSED FLOOR PLAN
SCALE 1/200



All external walls up to 2.6m above finished floor level are to be 215mm blockwork.

All external walls up to 2.6m above finished floor level are to be 215mm blockwork.

BUILDING NO.1
FINISHED FLOOR LEVEL= 108.33M
FLOOR AREA = 3800m2

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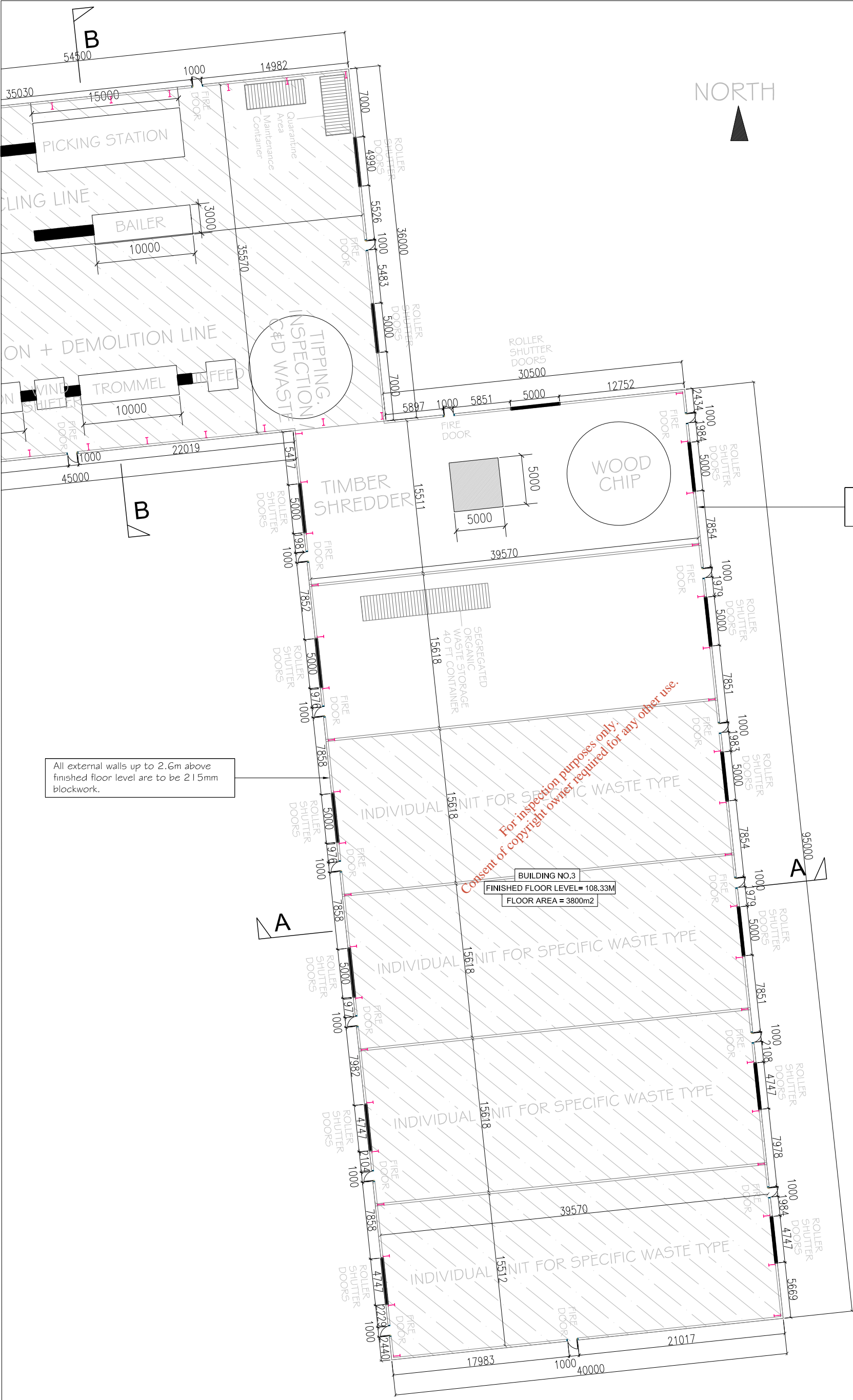
NOTE:
See Drawing DG0010/01 Rev. PO2 for Sections

| | | |
|---------|--------|-----------------------|
| REV No. | DATE | REVISION |
| D | OCT 08 | More detail on plan |
| C | AUG 08 | fire doors moved |
| B | MAY 08 | extra machinery added |

paudie o'mahoney and associates
consulting engineers and architects
greenore court • upper high street • kerry
telephone: (064) 33412 / 33461 • fax: (064) 33587
mobile: (087) 252 1086 • e-mail: info@paudieo'mahoney.com

| | | |
|-------------|---|---------|
| CLIENT | KERRY CENTRAL RECYCLING FACILITY | |
| DEVELOPMENT | DEVELOPMENT @ SCART/CAHERDEAN KILLARNEY | |
| DRAWING | PROPOSED INTERNAL LAYOUT FOR MRF PLAN BUILDING NO.1 | |
| SCALE | 1/200 | DATE |
| DRAWN BY | DG0021-03 | DATE |
| CHECKED BY | BK & ROM | DATE |
| REV No. | D | CREATED |

PROPOSED FLOOR PLAN
SCALE 1/200



NORTH

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NOTE:
 See Drawing DG0010/01 Rev. P02 for Sections

All external walls up to 2.6m above finished floor level are to be 215mm blockwork.


All external walls up to 2.6m above finished floor level are to be 215mm blockwork.

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BUILDING NO.3
 FINISHED FLOOR LEVEL = 108.33M
 FLOOR AREA = 3800m²

PROPOSED FLOOR PLAN
 SCALE 1/200

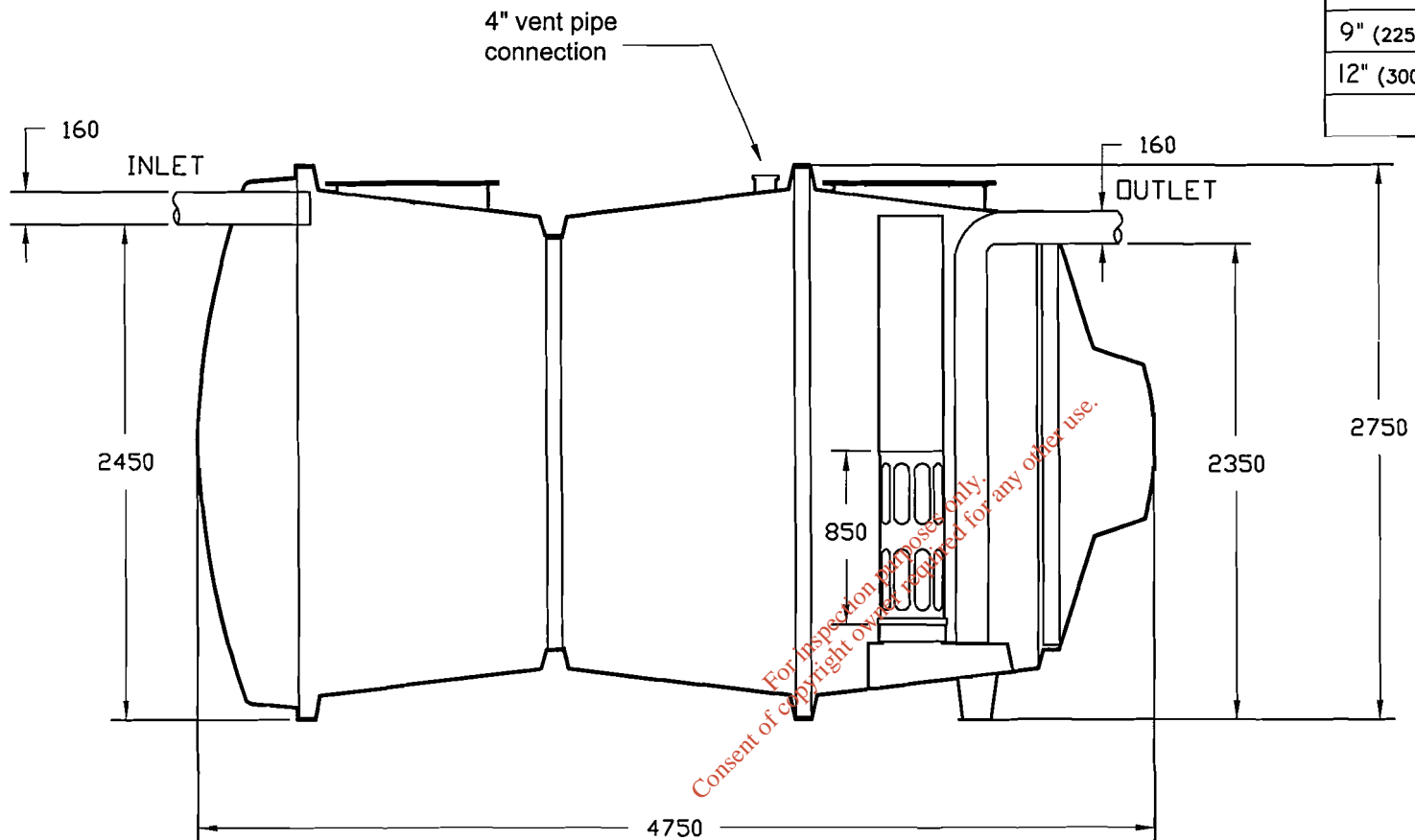
| | | |
|-----|--------|-----------------------|
| REV | DATE | REVISION |
| D | OCT 08 | More detail on plan |
| C | AUG 08 | fire doors moved |
| B | MAY 08 | extra machinery added |



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 consulting engineers and architects


governor court • upper high street • Kerry
 telephone: (064) 33412 / 33461 • fax: (064) 33587
 mobile: (087) 252 1086 • e-mail: info@paulieo'mahoney.com

| | |
|--------------------|---|
| CLIENT: | KERRY CENTRAL RECYCLING FACILITY |
| PROJECT: | DEVELOPMENT @ SCART/CAHERDEAN KILLARNEY |
| DRAWING: | PROPOSED INTERNAL LAYOUT FOR MRF PLAN BUILDING NO.3 |
| SCALE: | 1/200 |
| DATE: | OCT 08 |
| DRAWN BY: | DG0021-04 BK & ROM |
| CHECKED BY: | D |



| STD PIPE | INLET | OUTLET |
|--------------|-------|--------|
| 9" (225 mm) | 2375 | 2275 |
| 12" (300 mm) | 2300 | 2200 |
| | | |

| Model | NS L/s | Capacity | DRAINAGE AREA [50mm/hr] | DRAINAGE AREA EN 858-1:2002 | Oil Storage Capacity | Silt Storage Capacity |
|-------|--------|----------|-------------------------|-----------------------------|----------------------|-----------------------|
| PF 9 | 48.6 | 17350 | 3470 | 2700 | 486 | 4860 |

| | | | |
|--|--------------------------------|------------------------|------------------------------------|
| Company  BUTLER MANUFACTURING SERVICES LTD | Drawn by N.S. | Approved by | Drawing no. PF 9 CL1 - S |
| | Date 30.11.05 | REVISION | |
| Title PF- 9 Class 1 - SALES | Scale not applicable | 5 30.11.05 | NEW DRAWING AS OF NOV. '05 |

ATTACHMENT E.2 - E.4

Emissions to Surface Water Table

Emissions to Groundwater Table

Emissions to Sewer Table

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TABLE E.2(i): EMISSIONS TO SURFACE WATERS
(One page for each emission)

Emission Point:

| | |
|--|---|
| Emission Point Ref. N ^o : | SW1 |
| Source of Emission: | Runoff from roof and hardstanding areas |
| Location : | Outfall to existing ditch |
| Grid Ref. (10 digit, 5E,5N): | 93485E , 99519N |
| Name of receiving waters: | Eastern tributary flowing to the river Gweestin. (Emission & Monitoring Location Points Drawing in Attachment F2.-F.6) |
| Flow rate in receiving waters: | <div style="display: flex; justify-content: space-between;"> _____ 0.003835 _____ m³.sec⁻¹ Dry Weather Flow </div> <div style="display: flex; justify-content: space-between;"> _____ 0.00542 _____ m³.sec⁻¹ </div> <div style="text-align: right;">95%ile flow</div> |
| Available waste assimilative capacity: | kg/day |

Emission Details:

| | | | |
|--------------------------|-------------------|-------------|---------------------|
| (i) Volume to be emitted | | | |
| Normal/day | 129m ³ | Maximum/day | 2,837m ³ |
| Maximum rate/hour | 326m ³ | | |

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

| | |
|---------------------------|--|
| Periods of Emission (avg) | _____ min/hr _____ hr/day _____ day/yr |
|---------------------------|--|

TABLE E.4(i): EMISSIONS TO GROUNDWATER (1 Page for each emission point)

Emission Point or Area:

| | |
|--|---|
| Emission Point/Area Ref. N ^o : | GW1 |
| Emission Pathway: (borehole, well, percolation area, soakaway, landspreading, etc.) | Percolation Area |
| Location : | South-Eastern Corner of Proposed Development (Emission & Monitoring Location Points Drawing in Attachment F2.-F.6) |
| Grid Ref. (10 digit, 5E,5N): | 93620E , 99564N |
| Elevation of discharge: (relative to Ordnance Datum) | 107.3 m |
| Aquifer classification for receiving groundwater body: | Locally Important Aquifer |
| Groundwater vulnerability assessment (including vulnerability rating): | Variable: High to low – high in areas with an absence or scarcity of subsoil or areas with high permeability subsoil, low in areas with thick low permeability subsoil deposits. |
| Identity and proximity of groundwater sources at risk (wells, springs, etc): | From the GSI well database, there are two wells 1km from the proposed site for agricultural & domestic use, refer to Chapter 6 Soils, Geology, Hydrogeology in the EIS Attachment B3. |
| Identity and proximity of surface water bodies at risk: | Tributaries flowing to the River Gweestin. Refer to Chapter 5 Surface Water of the EIS Attachment B3. |

Emission Details:

| | | | |
|--------------------------|----------------|-------------|----------------|
| (i) Volume to be emitted | | | |
| Normal/day | m ³ | Maximum/day | m ³ |
| Maximum rate/hour | m ³ | | |

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

| | |
|---------------------------|-------------------------------------|
| Periods of Emission (avg) | _____min/hr _____hr/day _____day/yr |
|---------------------------|-------------------------------------|

TABLE E.3(i): EMISSIONS TO SEWER(One page for each emission)

Emission Point:

| | |
|--------------------------------------|--|
| Emission Point Ref. N ^o : | SE1 |
| Location of connection to sewer : | Effluent Tank in MRF Building (Emission & Monitoring Location Points Drawing in Attachment F2.-F.6). |
| Grid Ref. (10 digit, 5E,5N): | 93518E , 99633N |
| Name of sewage undertaker: | To be Approved by Kerry County Council |

Emission Details:

| | | | |
|--|----------------|-------------|----------------|
| <p>(i) Volume to be emitted</p> <p>It is estimated that 220,000 litres of effluent per annum will be produced for an annual intake at the facility of 95,000 tonnes per annum. Effluent will be tankered to a WWTP once or twice a month. Analysis of effluent by Southern Scientific dated April 2008 from the current facility operated by Killarney Waste Disposal at Aughnacureen, Killarney which will be similar in composition is attached.</p> | | | |
| Normal/day | m ³ | Maximum/day | m ³ |
| Maximum rate/hour | m ³ | | |

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

| | |
|---------------------------|--|
| Periods of Emission (avg) | _____ min/hr _____ hr/day _____ day/yr |
|---------------------------|--|



ANALYSIS REPORT

| | | | |
|---------------------|---|--|--------------------|
| CUSTOMER: | KILLARNEY WASTE DISPOSAL | SAMPLE TYPE: | EFFLUENT |
| ADDRESS: | Aughacureen, Killarney, County Kerry | CONDITION OF SAMPLE ON RECEIPT: | Satisfactory |
| REPORT TO: | BRIAN BRUTON | DATE SAMPLED: | 04 April 2008 |
| SAMPLED BY: | BRIAN BRUTON | DATE RECEIVED: | 09 April 2008 |
| SAMPLING PT: | - | DATE ANALYSED: | 09 - 29 April 2008 |
| ORDER NO: | - | DATE REPORTED: | 30 April 2008 |
| | | WORK NO.: | 19668 C |

TABLE OF RESULTS

| METHOD: | PARAMETER: | Lab Ref: | C08-Apr 236 |
|-------------------------|---|-----------|-----------------------------|
| | | Your Ref: | Process Effluent - Leachate |
| * 4500-H ⁺ B | pH | | 7.0 |
| * 2510 B | Conductivity, $\mu\text{S}/\text{cm}$ @ 20°C | | 4.12 |
| SCP 016 | COD, mg/L | | 2800 |
| SCP 015 | BOD, mg/L | | 977.9 |
| | Total Organic Carbon, mg/L | | 708 |
| *3111B | Magnesium, mg/L | | 37.5 |
| | Potassium, mg/L | | 122.88 |
| | Sodium, mg/L | | 177.0 |
| *111B | Cadmium, mg/L | | 0.03 |
| *3111B | Lead, mg/L | | 0.41 |
| *3111B | Nickel, mg/L | | 0.39 |
| *3111B | Zinc, mg/L | | 2.89 |
| SCP 027 | *** Ammonia, mg/L NH ₄ ⁺ -N | | 20.73 |
| SCP 027 | *** Chloride, mg/L | | 206.3 |
| | *** Sulphate, mg/L | | 647.4 |
| | *** Total Alkalinity, mg/L | | 1109.2 |
| | *** Total Organic Nitrogen, mg/L N | | 4.2 |

TABLE OF RESULTS

| METHOD: | PARAMETER: | Lab Ref: Your Ref: | C08-Apr 236 Process Effluent – Leachate |
|---------|-----------------|-----------------------|--|
| *3111B | Iron, mg/L | | 28.41 |
| *3111B | Copper, mg/L | | 1.75 |
| *3111B | Manganese, mg/L | | 1.68 |
| *3111B | Chromium, mg/L | | 0.10 |
| ** | Calcium, µg/L | | 147.6 |
| ** | Mercury, µg/L | | <0.05 |
| | Arsenic, µg/L | | 5 |

* Adapted from 'Standard Method for the Examination of Water & Wastewater'.
 ** Analysis carried out by external laboratory.
 *** Sample filtered prior to analysis.

Karen Lavery
 Karen Lavery
 Chemistry Laboratory

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- The results relate only to the items tested.
- The analysis report shall not be reproduced except in full without written approval of the laboratory.

ATTACHMENT E.6
House Keeping Procedure

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Kerry Central Recycling Facility Ltd
STANDARD OPERATING PROCEDURE

SOP No.: EP012 House Keeping Procedure

Prepared By:

_____ **OES Consulting**

Approved By:

_____ **Environmental Manager**

Approved By:

_____ **Managing Director**

Date:

Date:

Date:

Rev. No.: 0

Issue Date:
12/01/2007

Page No.: 1 of 4

Distribution

Managing Director
 Environmental Manager
 Yard Supervisor
 Transport Manager
 Accounts Manager

Cross References

ER006 House Keeping Record
 ER010 Weekly Environmental Inspection Record

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| Title EP012 House Keeping Procedure | | | |
|-------------------------------------|---------------------------|-------------|------------------|
| Record No: EP012 | Issue Date: 12/01/2007 | Rev. No.: 0 | Page No.: 2 of 4 |

| Revision No. | Date | Reason for Revision |
|--------------|------|---------------------|
| 0 | | New Procedure |
| | | |

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| Title EP012 House Keeping Procedure | | | |
|-------------------------------------|---------------------------|-------------|------------------|
| Record No: EP012 | Issue Date: 12/01/2007 | Rev. No.: 0 | Page No.: 3 of 4 |

1.0 INTRODUCTION

1.1 Purpose

To ensure proper housekeeping of all site areas and that all solid waste (organic), and intermediates are stored correctly prior to shipment/disposal etc.

2.0 SCOPE

This procedure applies to all external site areas at the facility.

3.0 RESPONSIBILITY

The Environmental Manager has responsibility for ensuring that all external site areas are maintained to a high standard of housekeeping and that the personnel responsible for doing so are appropriately trained.

The Environmental Manager or Yard Supervisor is responsible for carrying out this procedure.

4.0 PROCEDURE

Inspections of site areas will be undertaken on an ongoing basis by the designated person.

Each site area will be assigned a reference by the Environmental Manager.

Each location will be rated pass or fail for housekeeping. Pass rating will mean that all materials within the area are appropriately stored and are in sound condition. No windblown or other debris shall be present.

In addition Weekly checks will be carried out on the following items:

External plant environment – will be inspected to ensure the up keeping of access points and monitoring equipment. Car Parking must also be inspected to ensure that environments accidents and employee / visitor inconvenience is minimised.

Perimeter Fencing and Gates - will be inspected for any defects. Temporary repairs shall be carried out by end of working day and permanent repairs must be carried out within 3 working days.

Wheel cleaners - will be inspected, drained as required and any accumulated material shall be removed and disposed of appropriately.

Storm Water – samples of storm water will be collected in sampling container at the discharge point and visually inspected. Drains and gullies within the area shall be free flowing and free of debris or contamination.

Loose litter – any loose litter arising on or in the vicinity of the facility will be removed.

| Title EP012 House Keeping Procedure | | | |
|-------------------------------------|---------------------------|-------------|------------------|
| Record No: EP012 | Issue Date: 12/01/2007 | Rev. No.: 0 | Page No.: 4 of 4 |

Floor of materials recovery building - will be cleared of waste by the end of each working day.

Odour and Dust - the facility will be checked for odour and dust generation.

All daily checks will be recorded in the Daily Check log and the Environmental Manager will be immediately informed of any defects noted or discolouration of storm water discharge.

Any non conformances highlighted as a result of the checks will be included in the Weekly Environmental Inspections Record ER010 and filed. The Environmental Manager shall initiate corrective action in the event of non-conformances in external site housekeeping.

5.0 RECORDS

All weekly records and associated documentation will be maintained by the Environmental Manager for a minimum period of 1 year.

6.0 REFERENCES

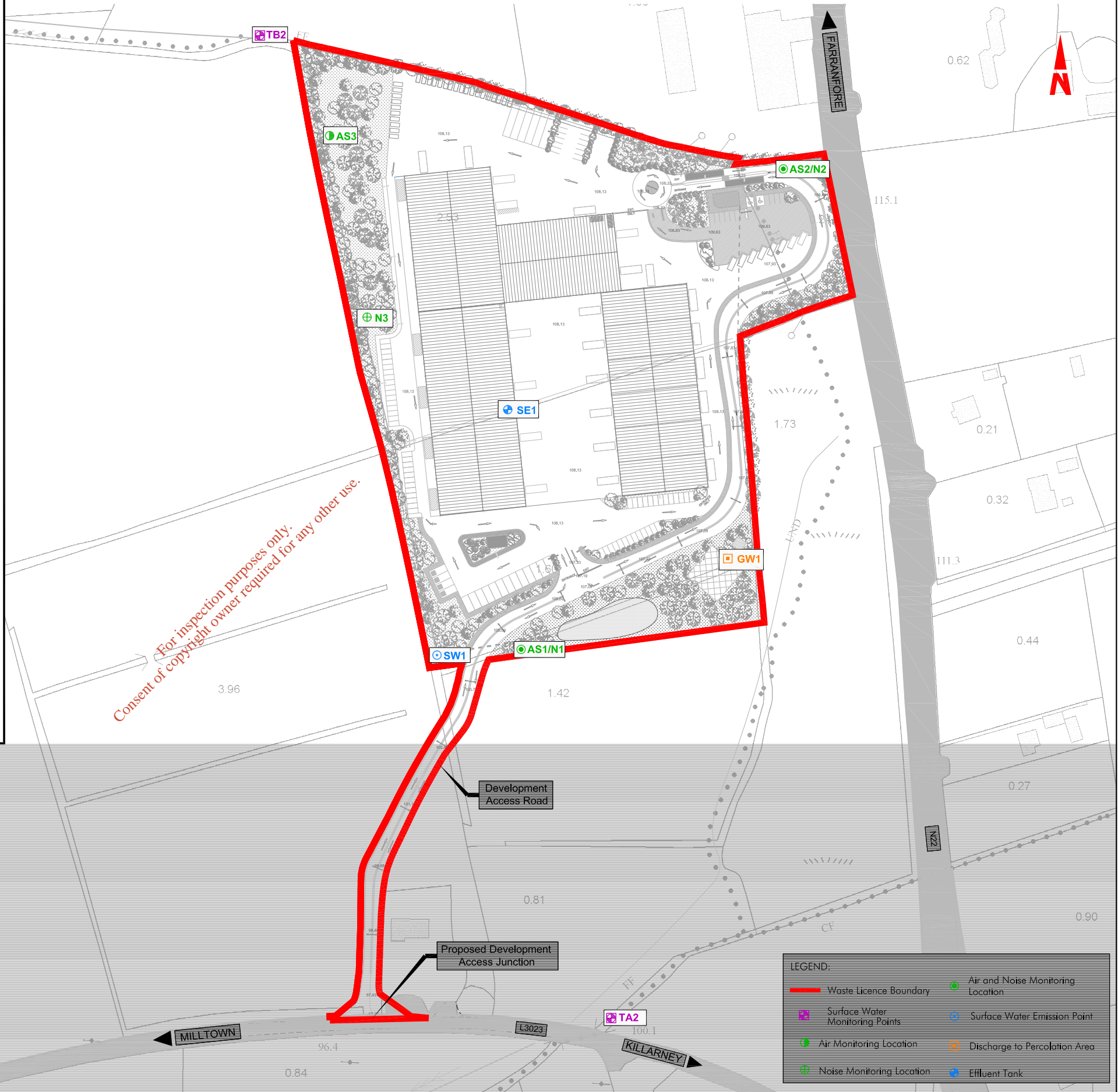
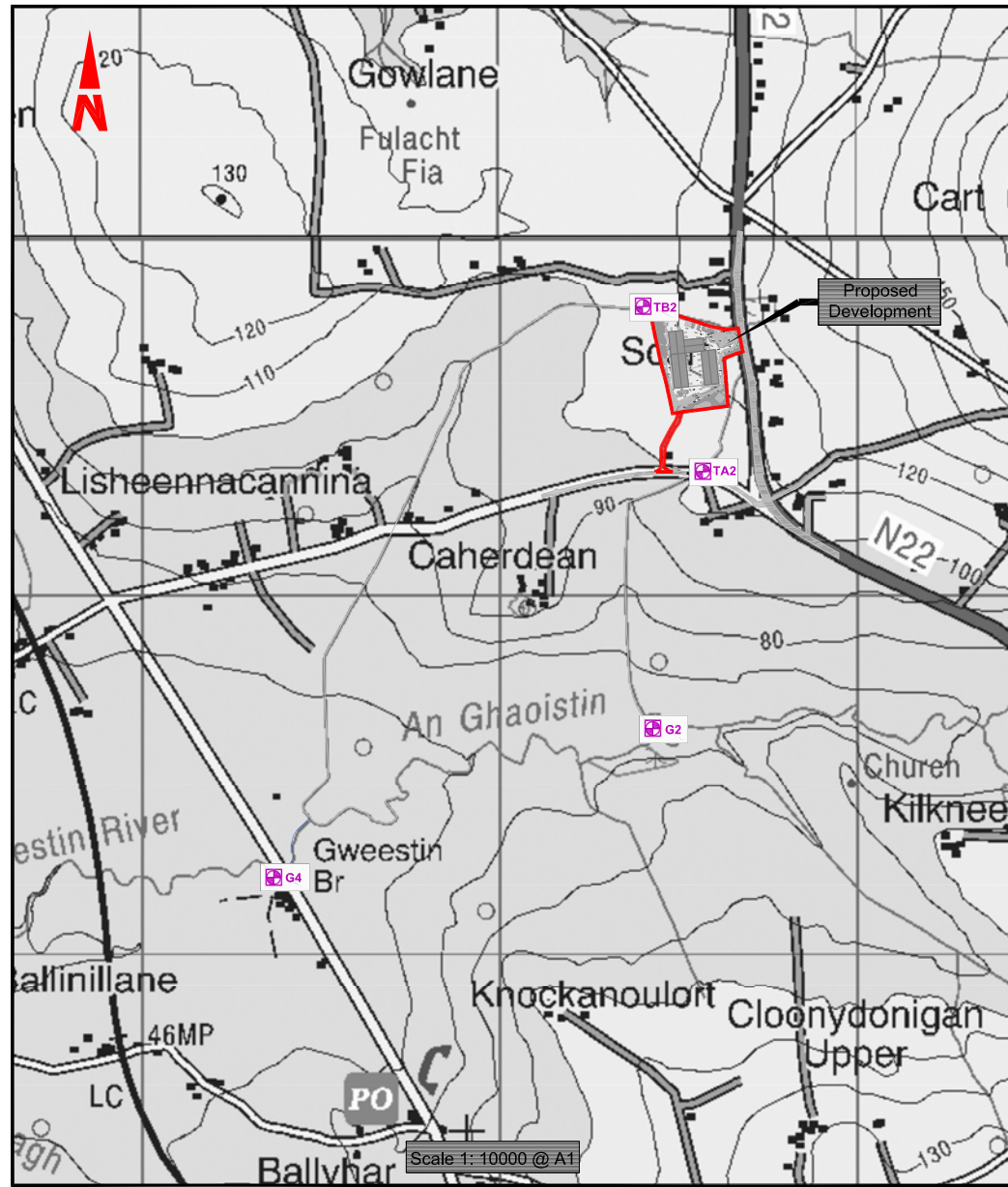
| | |
|-------|--|
| ER006 | House Keeping Record |
| ER010 | Weekly Environmental Inspection Record |

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ATTACHMENT F.2-F.6

**Emission & Monitoring Point Location Points
with Grid References**

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| MONITORING & EMISSION POINT LOCATIONS | | | |
|---------------------------------------|-----------------------------------|------------|------------|
| NAME | TYPE | EASTING | NORTHING |
| TB2 | Surface Water Monitoring Points | 93402.9967 | 99806.7299 |
| TA2 | Surface Water Monitoring Points | 93565.9099 | 99350.6487 |
| G2 | Surface Water Monitoring Points | 93425.8293 | 98632.6213 |
| G4 | Surface Water Monitoring Points | 92365.7225 | 98216.0180 |
| SW1 | Surface Water Emmission Point | 93485.0000 | 99519.0000 |
| AS3 | Air Monitoring Location | 93435.2655 | 99760.2156 |
| N3 | Noise Monitoring Location | 93452.6431 | 99676.0402 |
| AS1/N1 | Air and Noise Monitoring Location | 93524.1272 | 99521.8520 |
| AS2/N2 | Air and Noise Monitoring Location | 93645.8195 | 99744.8124 |
| GW1 | Discharge to Percolation Area | 93620.0000 | 99564.0000 |
| SE1 | Effluent Tank | 93518.0000 | 99633.0000 |

Ordnance Survey Ireland Sheet No. 5937-A

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| LEGEND: | |
|---------|-----------------------------------|
| | Waste Licence Boundary |
| | Air and Noise Monitoring Location |
| | Surface Water Monitoring Points |
| | Surface Water Emission Point |
| | Air Monitoring Location |
| | Discharge to Percolation Area |
| | Effluent Tank |

NOTES

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- Levels are in metres to local datum.

| No. | Date | By | App | Amendment / Issue |
|-----|----------|--------|-----|---------------------------|
| F01 | 08.09.08 | M.S.G. | | Waste Licence Application |

| | | | |
|---------------------------------------|------------|-------------|---------|
| Client | | | |
| KERRY CENTRAL RECYCLING FACILITY LTD. | | | |
| Drawn By | Checked By | Approved By | Date |
| A.N. | S.G. | W.M. | Sept'08 |

| | |
|---------------------------|----------------------------|
| Project | |
| WASTE LICENCE APPLICATION | |
| Drawing Status | Scale / Sheet Size |
| FINAL | 1:1000 @ A1 1:2000 @ A3 |

| | |
|--|-----|
| Drawing Number | Rev |
| DG0022/01 | F01 |
| Title | |
| EMISSION & MONITORING LOCATION POINTS (Sheet 1 of 1) | |

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Attachment H.2

Waste Acceptance Procedure

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1.0 PURPOSE:

To ensure that waste handled at the recovery facility is suitable for acceptance and is in compliance with the waste licence.

2.0 POLICY

Kerry Central Recycling Facility Ltd recognises the requirement to ensure that waste handled at the facility is categorised as municipal or industrial waste and that no hazardous waste as specified in the Waste Management Act, 1996 is accepted at the facility.

3.0 SCOPE:

This procedure applies to the control of all waste handled at the materials recovery facility.

4.0 DEFINITIONS:

Hazardous Waste is any waste which is covered by the Council Directive 91/689/EEC on Hazardous Waste. The Waste Management Act 1996 defines it as;

- (i) hazardous waste for the time being mentioned in the list prepared pursuant to Article 1(4) of Council Directive 91/689/EEC of 12 December, 1991, being either
- (ii) Category 1 waste that has any of the properties specified in Part II of the second schedule, or
- (iii) Category II waste that-
 - Contains any of the constituents specified in part II of the second schedule and
 - Has any of the properties specified in Part III of the said schedule
- (iv) Such other waste, having any of the properties specified in Part III of the second schedule, as may be prescribed for the purposes of this definition.

5.0 RESPONSIBILITIES:

Specification Responsibility: Environmental Manager

Waste compliance/categorisation Responsibility: Customer.

6.0 PROCEDURE:

6.1 Operations:

- 6.1.1 All waste handled at the facility will be characterised using the procedure outlined in Fig. 1 – Procedure for characterising waste.
- 6.1.2 Waste from each individual customer will then be categorised as either municipal or industrial waste and appropriate European Waste Catalogue Codes assigned to the waste.
- 6.1.3 Each load of waste will be verified on site to confirm that the waste is the same as;
 - (a) that which has been subjected to compliance testing; and
 - (b) that which is described in any accompanying documents that may be required.

On-site inspection will consist of a visual inspection of a load of waste before and after unloading at the facility. More detailed testing may be required if visual inspection does not enable the operator to make a conclusive verification.

- 6.1.4 A Municipal Waste characterisation survey will be carried out periodically.
- 6.1.5 Waste arriving on site will be checked as follows:
 - 6.1.5.1 Documentation check to ascertain origin and nature of the waste.
 - 6.1.5.2 Visual inspection as outlined above
 - 6.1.5.3 Periodic compliance testing if required

6.2 Inspections:

- 6.2.1 Visual and documentation inspections shall be carried out on each load received at the facility.
- 6.2.2 Other more detailed inspections will be carried out in accordance with licence requirements.

6.3 Reporting:

- 6.3.1 Any waste not in conformance will be returned immediately to the customer or held on site in the quarantine area.
- 6.5.2 A senior member of staff to compile a special in depth report outlining the possible source and composition of such unapproved waste.
- 6.5.3 A recovery/disposal strategy for such waste will be agreed with the Agency.

6.4 Communication:

6.4.1 All reports/documentation will be kept in the facility.

6.8 Training:

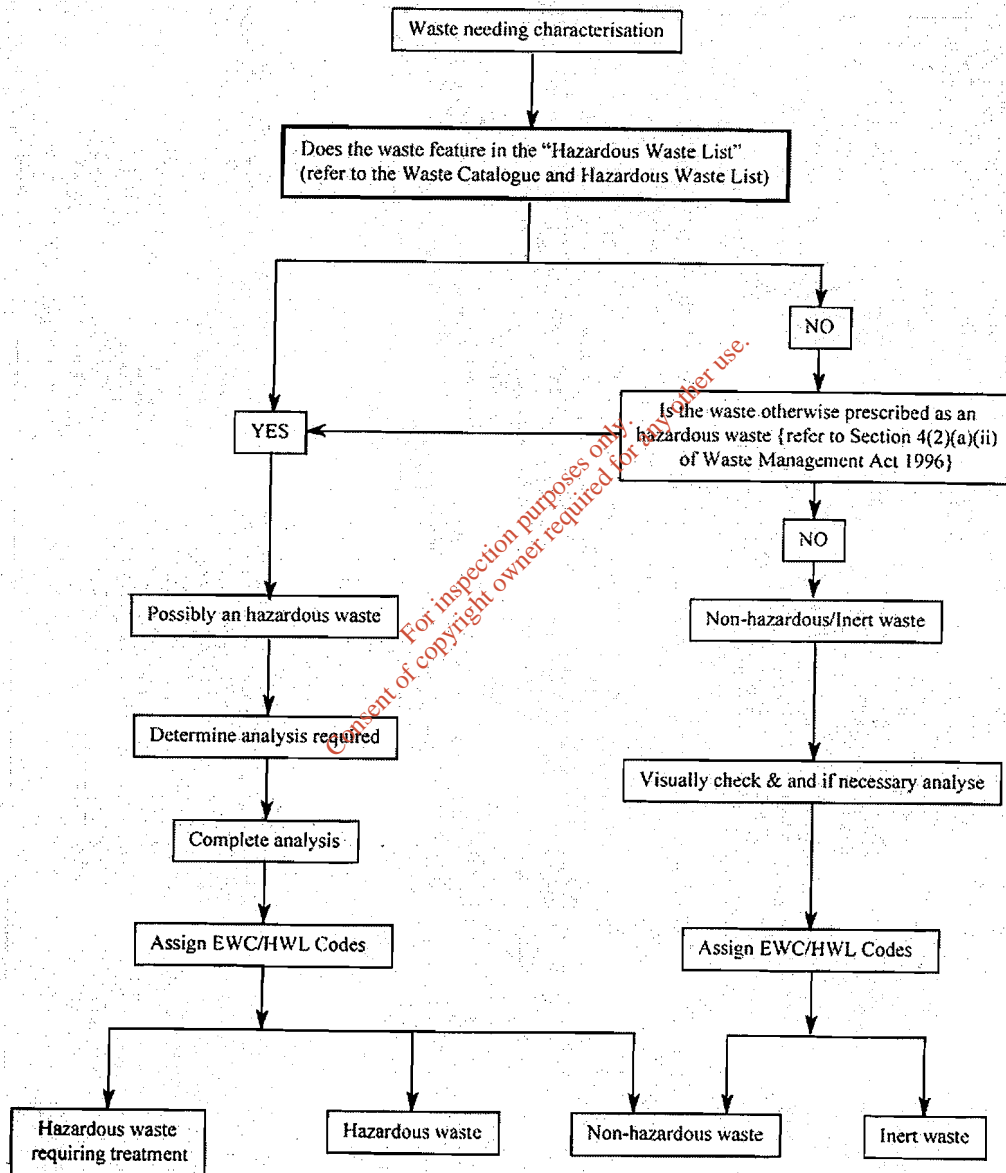
6.8.1 Personnel involved in waste acceptance must have attended a training course on the implementation of this procedure.

6.9 Administration:

The activity file for this procedure shall reside in the office. Compliance with the procedures shall be confirmed through the presence of documentation for scheduled treatment inspections.

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Fig. 1 Procedure for characterising waste



Waste Acceptance Report

Date:

Customer:

| Item | Checked | Comments |
|-------------------|---------|----------|
| Waste Description | | |
| Documentation | | |
| Visual inspection | | |
| Odour | | |

Report on Waste Acceptance Problem

Location _____

Time _____

Details _____

Corrective action taken _____

Signed: _____

Approved: _____

Attachment J

Emergency Response Procedure

Spill Clean Up Procedure

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Kerry Central Recycling Facility Ltd.
STANDARD OPERATING PROCEDURE

| | | |
|--|--|------------------------|
| SOP No.: EP009 Emergency Response Procedure | | |
| Prepared By: _____ OES Consulting | Date: _____ | Rev. No.: 0 |
| Approved By: _____ Environmental Manager | Date: _____ | Issue Date: 12/01/2007 |
| Approved By: _____ Managing Director | Date: _____ | Page No.: 1 of 7 |
| <u>Distribution</u> Managing Director Environmental Manager Yard Supervisor Transport Manager Accounts Manager | <u>Cross References</u> EP005 Environmental Non-conformance and Corrective Action Procedure ER005 Environmental Incident record ER008 Environmental Training Record | |

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| Title EP009 Emergency Response Plan | | | |
|-------------------------------------|---------------------------|-------------|------------------|
| Record No: EP009 | Issue Date: 12/01/2007 | Rev. No.: 0 | Page No.: 2 of 7 |

| Revision No. | Date | Reason for Revision |
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| <u>0</u> | | New SOP |
| | | |

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1.0 PURPOSE

The purpose of this procedure is to set out the action to be taken in the event of an emergency at Kerry Central Recycling Facility. The following measures have been developed in order to MAXIMISE the safety of plant personnel and the local community, and to MINIMISE the environmental impact of emergency situations.

2.0 OBJECTIVES

The objective of the emergency plan is to make maximum use of the companies resources to:-

- Contain and bring an emergency under control
- Minimise the number of casualties
- Minimise down-time
- Carry out rescue and treatment of casualties
- Minimise damage to the environment, plant and equipment
- Clarify positions and roles

3.0 DEFINITIONS

| | |
|---------------------|---|
| Emergency | Any adverse incident that will require an immediate response at the scene of an incident. |
| Crisis | A situation of state where the company's reputation is threatened as a result of intense scrutiny from stakeholders. |
| Stakeholders | Any person or group with a vested interest in an organisation and also has the capacity to exert an influence on it, either by its own actions or by the influence, which it exerts on others. Examples of stakeholders are employees and their relatives, customers, shareholders, the regulatory authorities, local community groups, the media, corporate owners and financiers. |
| H.S.A. | Health and Safety Authority |
| E.P.A. | Environmental Protection Agency |

4.0 RESPONSIBILITY

4.1 All employees

It is the responsibility of all personnel to abide by the Emergency Plan.

4.2 Management Team

It is the responsibility of the Management team to be familiar with the Emergency Plan and to ensure that all objectives set out in the plan are met. It is the responsibility of all Managers to ensure that employees are aware of the contents of the Emergency Plan and abide by it.

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4.3 Environmental Manager

It is the responsibility of the Environmental Manager to ensure that the contents of this procedure are accurate and that it is updated when necessary.

5.0 PROCEDURE

The emergency plan as will cover the following:-

- 5.1 Overview
- 5.2 Chain of command
- 5.3 Reporting procedures
- 5.4 Escape routes/assembly points
- 5.5 Shut-down procedures
- 5.6 Communications
- 5.7 Security

5.1 Overview

The different types of emergencies that can occur are:-

- Fire
- Medical Emergencies

Environmental Impacts associated with Incidents on Site

An environmental impact can arise as a result of firewater runoff or oil on site. Controls measures, which are in place to mitigate the impact of incidents on site, include –

- Fire detection system which is designed to prevent the development of a fire on site
- High standards of housekeeping, including material storage thereby reducing the potential for a fire developing.
- Provision of appropriate fire extinguishers and fire blankets.
- Training of personnel on the use of fire extinguishers and fire blankets.
- Provision of Spill Kits for chemicals and oil.
- Provision of drain covers.
- The periodic testing of procedures e.g. fire evacuation.
- Follow up of evacuations, drills and incidents to ensure preventative measures are put in place.

5.2 Chain of Command

The designated Managing Director has overall responsibility for the Emergency Plan. He will be assisted by, or in his absence replaced by the Environmental Manager. The responsibilities are as follows:-

- Assess the situation to determine whether an emergency exists
- Direct efforts to evacuate personnel to minimise injury and/or property loss
- Co-ordinate all external emergency sources i.e. Fire Brigade, Garda Síochána etc.
- Direct plant shut-down operations

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- In the event of a major incident or crisis at the facility, co-ordinate the Management Team and provide the person designated to speak to the media with information regarding the incident.

5.3 Reporting Procedures

Each area is under the control of a Manager/Supervisor who reports to a Environmental Manger. The Environmental Manager reports to the Managing Director.

Managing Director - Sean Murphy
 Environmental Manager - Brian Bruton
 Yard Supervisor
 Transport Manager
 Accounts Manager

5.4 Escape routes/Assembly Points

Training is provided on the escape routes and location of the assembly points. Emergency evacuation drills shall take place at least twice a year, as per the Safety, Health and Welfare at Work (General Application) Regulations 1993, which specify that employers are required to prepare and communicate to employees and visitors any emergency procedures.

There is one fire assembly which is located away from the office building in the car park at the front entrance.

Each employee of the company is made aware of the Assembly Point that he/she MUST report to, should the alarms be sounded. Training is provided as part by the Managing to all employees.

5.5 Shut-down Procedures

In the event of an emergency, personnel are instructed to shut down all equipment, if safe to do so, either by the normal method or by the emergency stop buttons. No person should be placed at risk, under any circumstances, when shutting off equipment.

5.6. Communications

Emergency Co-Ordinator (Managing Director/Environmental Manager)

The Managing Director or in his absence the Environmental Manager will take cognisance of all advice given to him by the Manager/Supervisors and be ready to assist the Killarney Fire Brigade on their arrival. If at any stage there is a risk to those at the Assembly Point the order may be given by the Emergency Co-Ordinator to evacuate to another part of the site or for a complete evacuation of the site.

He/She will advise the Management Team of the situation and outside normal hours, call appropriate members of the team. The personnel to be contacted as specified in the Killarney Waste Disposal Safety Statement include:

| | |
|---------------------------|----------------|
| Fire Brigade | 999/112 |
| Ambulance Services | 999/112 |

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| | |
|--|---------------------|
| Local Hospital | 0667126222 |
| Local Doctor | |
| Gardaí | 999/06471160 |
| Priest | |
| Managing Director (Mr. Sean Murphy) | 0876673839 |
| Transport Manager | 0866036309 |

He will keep the Management Team apprised of developments in the situation.

On arrival of the Fire Brigade, the Emergency Co-Ordinator must first inform the Chief Fire Officer in attendance of the following:-

- a) If all personnel have evacuated the premises or
- b) The last known whereabouts of any missing person/s
- c) The electrical status of the premises
- d) The exact location of the fire and what the fire consists of (ie. chemicals etc.) and of any special precautions that may need to be taken.

Emergency Response Team (E.R.T.)

A) Fire/Gas Release

The E.R.T. will assemble at the front of the building. The Emergency Co-Ordinator will assess the situation and a decision will be made regarding the appropriate response ie. whether they should wait for the arrival of the Fire Service. An on-site response involving the Emergency Response Team should only be initiated if the fire is at the early stage and there are sufficient persons on the team to deal with the incident. The materials involved in the fire will also determine if the incident can be dealt with using on-site resources.

The E.R.T. will make themselves available to carry out any instructions given to them by an Officer of the Fire Services. If not required, they will immediately withdraw from the scene of the emergency but must remain in the vicinity to assist with any relevant information the Fire Service may require.

B) Spillage

In circumstances where a spillage of a hazardous substance occurs on site, the Emergency Co-Ordinator may be contacted via reception or security or by paging a member of the ERT. On arrival of the Emergency Response Team, the Emergency Response Team Leader will give the necessary instructions to the team to deal with the incident. The appropriate procedure to be followed is detailed in EP020 – Spill Clean Up Procedure.

First Aid Personnel

The designate site first aider “ to be arranged “ will be trained to ensure that first aid facilities are available before the arrival of the emergency services.

The Fire Alarm System is a fully addressable system with the Master Control Panel. The system consists of fire/gas detectors, which send a signal to a control system which, in turn, activates an alarm.

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Most detectors are fitted with an LED, which flashes red, if the detector is activated. The location of the activation and the type of system activated will be displayed on the respective Control Panel and on the Master Panel. The location points can be seen on the fire panel drawings situated next to the Control Panels and Master Panel.

Security

Security is responsible for ensuring that site access is controlled and that the way is clear for arriving emergency appliances. They must also ensure that only authorised persons come on site and that deliveries are stopped.

The effectiveness of this emergency plan will be maintained through regular training of all personnel and specific training for First Aiders, Environmental Co-Ordinator, Emergency Response Team, and Management Team will be provided.

6.0 RECORDS

All Emergency Response related records shall be filed and retained for a period of no less than 7 years.

7.0 REFERENCE

- ER005 Environmental Incident records
- ER008 Environmental Training Record

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Kerry Central Recycling Facility Ltd.
STANDARD OPERATING PROCEDURE

SOP No.: EP019 Spill Cleanup Procedure

| | | |
|--|---|---------------------------|
| Prepared By: _____ | Date: _____ | Rev. No.: 0 |
| OES Consulting | | |
| Approved By: _____ | Date: _____ | Issue Date: 12/01/2007 |
| Environmental Manager | | |
| Approved By: _____ | Date: _____ | Page No.: 1 of 3 |
| Managing Director | | |
| <u>Distribution</u> | <u>Cross References</u> | |
| Managing Director Environmental Manager Yard Supervisor Transport Manager Accounts Manager | ER005 Environmental Incident/ Non-Compliance Record EP005 Environmental Non-Conformance and Corrective Action Procedure EP007 Environmental Management Review | |

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| Record No: EP019 | Issue Date: 12/01/2007 | Rev. No.: 0 | Page No.: 3 of 3 |

1.0 INTRODUCTION

1.1 Purpose

Spills of oil have the potential to cause a significant environmental impact as well as a risk to human health. The purposed of this procedure is to effectively and safely contain and clean up a chemical spill, thereby preventing risk to human health and the environment. This procedure applied to all potential spills of oil or chemicals that could arise at the facility.

2.0 RESPONSIBILITY

Managers/Supervisors

All Managers/Supervisors are also responsible for ensuring that all spills are investigated.

The Managing Director is responsible for arranging training on spill response, provision of spill kits and suitable PPE and providing advice on the potential environmental impacts of spills. The Environmental Manager is responsible for auditing corrective actions undertaken after a spills.

All Personnel

All personnel are responsible for notifying their supervisor or manager regarding spills on site.

3.0 PROCEDURE

Only suitably trained employees should attempt to clean up a spill on site.

4.0 NOTIFICATION OF SPILL

If a spill occurs while you are working or you notice a spill in your area you must notify your Manager/ supervisor immediately.

As soon as practical after the spill has been cleaned up, an Environmental Incident report should be filled in, in accordance with EP005 , and forwarded to the Environmental Manager.

5.0 RECORDS

Records of any environmental incidents and associated documents shall be maintained on file for at least 7 years.

6.0 REFERENCE

ER005 Environmental Incident/ Non-Compliance Record
EP005 Environmental Non-Conformance and Corrective Action Procedure
EP007 Environmental Management Review