

# HULL AND GOOLE PORT HEALTH AUTHORITY



## APPLICATION FOR A PERMIT

(PART B APPLICATION FORM)

For a Permit for a blending, packing, loading, unloading and use of bulk cement process.

LOCAL AUTHORITY POLLUTION PREVENTION AND CONTROL  
POLLUTION PREVENTION AND CONTROL ACT 1999  
ENVIRONMENTAL PERMITTING (ENGLAND AND WALES) REGULATIONS 2016

|                               |                    |                |
|-------------------------------|--------------------|----------------|
| For Local Authority use only: | 55AK23             |                |
| Application Reference:        | Officer Reference: | Date received: |
|                               | AB 14              | 18.9.23        |

A1 NAME OF THE INSTALLATION

KINGSFERRY WHARF

A2 PLEASE GIVE THE ADDRESS OF THE SITE OF THE INSTALLATION

STATHER ROAD  
BURTON STATHER  
SCUNTHORPE

Postcode:

DN15 9DJ

Tele:



Ordnance Survey national grid reference 8 characters,  
for example, SJ 123 456

SE 865 351

A3 EXISTING PERMITS

Please give details of any existing LAPPC or LA-IPPC authorisation for the installation, or any waste management licences or water discharge consents, including reference number(s) and type(s):

NONE

A4 OPERATOR DETAILS

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted).

PLEASE PROVIDE THE FULL NAME OF COMPANY OR CORPORATE BODY

MCL SOLUTIONS LIMITED

Trading/Business name: (if different)

Registered Office address:

9 PARK SQUARE EAST, VICARAGE CHAMBERS  
LEEDS

Postcode:

LS1 2LH

Principal Office address: (if different)

Postcode:

Company Registration number:

07582559

A5 HOLDING COMPANIES

Is the operator a subsidiary of a holding company within the meaning of Section 1159 of the Companies Act 2006?

No



Yes

*name of ultimate holding company*

Registered Office address:

Postcode:

Principal Office address: (if different)

Postcode:

Company Registration number:

A6 WHO CAN WE CONTACT ABOUT YOUR APPLICATION?

It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name: DAVID YOUNG

Position: DIRECTOR

Address: 9 PARK SQUARE EAST, VICARAGE CHAMBERS  
LEEDS

Postcode: LS1 2LH

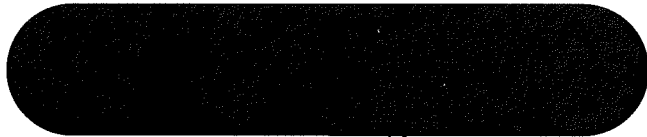
Telephone number:



Fax number:



Email address:



**B ABOUT THE INSTALLATION**

**B1** Does the installation have any silos with capacity more than 500 tonnes?

Yes

No

**B2** Are you a cement or cement clinker importer?

Yes

No

If you have answered 'yes' to either B1 or B2 the installation is not suitable for a simple permit.

**B3** Are you a concrete batcher?

Yes

No

**B4** Do you cast products?

Yes

No

**B5** WHY IS THE APPLICATION BEING MADE?

The installation is new. ✓

The installation is existing, but changes to the installation or to the EP Regulations means that an LAPPCC Part B permit is now required.

**B6** SITE MAPS

Please provide:

- A suitable map showing the location of the installation clearly defining the boundary of the installation in red.

Doc Reference:

001 Kingsferry Wharf plan

- A suitable plan showing where all relevant activities are on site:

- a) Where the processing plant will be installed
- b) The areas and buildings/structures designated for materials and waste storage and the type of storage
- c) The conveyors and transfer points
- d) Any directly associated activities or waste operations

Doc Reference:

001 Kingsferry Wharf plan

**IMPACT ON THE ENVIRONMENT**

**B7** Are there any sites of special scientific interest (SSSIs) or European protected sites which are nearer than 1 kilometer from the proposed installation? (for cement and lime activities)

No

Yes  Please give names of the sites.

If yes, please provide details separately explaining what the implications are for the purposes of the Conservation (Natural Habitats etc) Regulations 1994 (see appendix 2 of Annex XVIII of the General Guidance Manual).

Doc Reference:

**B8**

**C THE DETAILS**

**C1** Does your installation have arrestment equipment, with external discharge points, not serving silos or dryers with an airflow of: (Tick all that apply)

- a) Over 300m<sup>3</sup>/minute: Yes  No
- b) Over 300m<sup>3</sup>/minute and over 100m<sup>3</sup>/minute: Yes  No
- c) Under 100m<sup>3</sup>/minute: Yes  No

**C2** Do you have continuous monitors to show compliance with a numerical limit in Table 1 of the simple permit?

2/

[Informs condition

Yes      No

If yes, do the continuous monitors have alarms which are: (tick all that apply)

[Informs condition 2]

- a) Visible?       Yes      No
- b) Audible?       Yes      No
- c) Alarm activation recorded automatically?       Yes      No
- d) Is a trigger level set?       Yes      No

At what percentage of the emission limit is the value set?      45...

Have you undertaken isokinetic sampling at least once to demonstrate compliance with the numerical limit in table 1?

Yes       No

C3      Is odour arrestment equipment installed?      [Informs condition 3]

Yes       No

C4      Do you have pneumatic transfer of materials?      [Informs condition 3]

Yes      No           

C5      Which of the following will the bulk cement be stored in: (tick all that apply)

[Informs condition 3]

a) Silo?       Yes      No

b) Bulk storage tank?      Yes       No

c) Within  building?             Yes      No

d) In fully-enclosed containers/packaging?       Yes      No

e) Other - please specify \_

C6 Will displaced air from pneumatic loading and unloading  (tick all that apply)  [Informs condition 8]

a) Vented to arrestment plan?  Yes  No

b) Back-vented to the delivery tanker?  Yes  No

c) Other – please specify \_

C7 Do deliveries automatically stop for  [Informs condition 6]

a) Over filling  Yes  No

b) Over pressurisation  Yes  No

C8 Does pneumatic transfer automatically stop for  [Informs condition 5]

a) Over filling  Yes  No

b) Over pressurisation  Yes  No

If no, are any sites new since Jun 2004?

[Informs condition 7]

Yes No

C9 Do you have alarms to warn of overfilling?  [Informs condition 6]

Yes No

C10 For materials not dealt with in C4, what facilities will be provided to store any dusty material and waste? (tick all that apply)  [Informs condition 9]

a) Hoppe wind protected on at least 3 sides

b) Storage bay without suppression and stockpiles kept lower than the retaining walls?

c) Storage bay with suppression

d) Fully-enclosed stores?

e) Other – please specify \_



C11 Will any material be stored in the open (unenclosed) other than material wholly comprised of one or more of the following: >3mm material, sand, scalping, road sub base (MOT) material that has been conditioned before deposit, conditioned crusher-run or blended material? [Informs condition 9]

Yes   No

C12 Do you have belt conveyors? [Informs condition 10]

Yes  No

If yes, which of the following facilities will be provided to convey any dusty material and waste? (tick all that apply) [Informs condition 10]

a) Deep trough ground-level conveyor  NO

b) Fully enclosed conveyor   NO

c) Pneumatic handling system  YES

d) Bucket elevator   NO

e) Wind boards  NO

f) Other – please specify \_

C13 Which of the following methods will be used to minimise emissions at belt conveyor transfer points, including free fall or material? (tick all that apply) [Informs condition 10]

a) Enclosed  YES

b) Enclosed and ducted to arrestment equipment  YES

c) Fitted with a chute

d) Other – please specify \_

C14 Which of the following techniques will be used to clean belt conveyors? [Informs condition 10]  
(tick all that apply)

a) Belt scrapers  YES

b) Catch plates

c) Other techniques for keeping the return belt clean and collecting the material removed by the cleaning – please specify

## REGULAR MAINTENANCE AND CLEANING

C15 How will potentially dusty materials (including any raw materials, finished products and waste), arrive at or leave the site? (Tick all that apply)

|       |                              |                   |       |                          |                        |
|-------|------------------------------|-------------------|-------|--------------------------|------------------------|
|       | Raw Materials                | Finished Products | Waste | <input type="checkbox"/> | [Informs condition 11] |
| Road  | BULK TANKER                  |                   |       | <input type="checkbox"/> |                        |
| Rail  | NOT APPLICABLE               |                   |       | <input type="checkbox"/> |                        |
| Other | BULK BAGS — NOT APPLICABLE — |                   |       | <input type="checkbox"/> |                        |

C16 How will potentially dust materials, (including any raw material, finished products and waste) be transported within the site?

(tick all that apply)

[Informs BAT]

a) Tanker



b) Fully-enclosed transport



c) 'Canopied' rail wagons



d) Sheeted transport



e) Water suppression applied to the transported material



f) Aqueous polymer suppression applied to the transported material



g) Bagged



h) Other – please specify

\_\_\_\_\_

C17 Do you have quarry roads as part of the installation?

[Informs condition 12]

[Informs

Yes

No

C18 Which techniques will you use to ensure that vehicles do not track material onto the highway?

[Informs condition 13]

[Informs condition

a) Body wash and wheel wash

Yes

No

b) Wheel wash

Yes

No

c) Hose and brush  Yes  No

d) Sufficient distant to the site boundary on sealed road before leaving site

Yes  No

e) Other – please describe ..

C19 Do you have any environmental management procedures and policy?

Yes  No

[Informs condition 3, 15 & 16]

D FEES AND CHARGES

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

D1 PLEASE STATE THE AMOUNT ENCLOSED AS AN APPLICATION FEE FOR THIS INSTALLATION.

£ 346

Cheques should be made payable to: Hull & Goole Port Health Authority.

We will confirm receipt of this fee when we write to you acknowledging your application.

D2  PLEASE  GIVE ANY COMPANY PURCHASE ORDER NUMBER OR OTHER REFERENCE YOU WISH TO BE USED IN RELATION TO THIS FEE

KFW 18/9/23

D3 ANNUAL SUBSISTENCE CHARGES

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so will result in revocation of your permit and you will not be able to operate your installation.

Please provide details of the address you wish invoices to be sent to  and details of someone we may contact about fees and charges within your finance section.

ACCOUNTS

9 PARK SQUARE EAST, VICARAGE CHAMBERS,  
LEEDS

Postcode:

LS1 2UH

Telephone



**E COMMERCIAL CONFIDENTIALITY**

**E1** Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial or industrial confidentiality?

No

Yes

Please provide full justification, considering the definition of commercial confidentiality within the EP regulations.

Doc Reference:

**E2** Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No

Yes

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

**E3 DATA PROTECTION**

The information you give will be used by the Port Health Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- make sure you keep to the conditions of your permit and deal with any matters relating to your permit,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- offer you documents or services relating to environmental matters,
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows),
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 38 of the EP Regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement:

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

F **DECLARATION: Previous Offences** (delete whichever is inapplicable)

I/We certify

DAVID YOUNG AND MARK LICKLEY

EITHER

No offences have been committed in the previous five years which are relevant to my/our competence to operate this installation in accordance with the EP Regulations.

OR

The following offences have been committed in the previous five years which may be relevant to my/our competence to operating this installation in accordance with the Regulations:

Signature

Name:

DAVID YOUNG

Position:

DIRECTOR

Date:

18/9/23

**DECLARATION:**


**SIGNATURE OF CURRENT OPERATOR(S)\***

I/We certify that the information in this application is correct. I/We apply for a permit in respect of the particulars described in this application (including supporting documentation) I/we have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Installation Name: **KINGSFERRY WHARF**

Signature: 

Name: **DAVID YANG**

Position: **DIRECTOR**

Date: **17/8/23**

Signature:

Name:

Position:

Date:

*\*Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorized person should sign and provide evidence of authority from the board of the company or body corporate.*

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## EXPLANATORY NOTES

### When to use this form

This environmental permitting regime is known as and referred to as Local Authority Pollution Prevention and Control ('LAPPC'). Installations permitted under this regime are known as 'B' installations. Use this form if you are sending an application for a 'Part B' Permit to a Local Authority under the Environmental Permitting (England and Wales) Regulations 2010 ("the EP Regulations").

### Before you start to fill in this form

You are strongly advised to read relevant parts of the Defra general guidance manual issued for LA-IPPC and LAPPC, republished in 2008 and available at <http://www.defra.gov.uk/environment/ppc/localauth/pubs/guidance/manuals.htm>.

This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant Process Guidance note as relevant. The EP Regulations can be obtained from The Office of Public Sector Information, or viewed on their website at <http://www.opsi.gov.uk/stat.htm>.

### Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

**Hull & Goole Port Health Authority**  
257 Hessle Road  
HULL  
HU3 4BE

Telephone Number: 01482 324776

**Other documents you may need to submit**

There are a number of other documents you will need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number, if you have been given one, which will be at the top of the form overleaf. If you do not have either of these, please use the name of the installation.

**Using continuation sheets**

In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

**Copies**

Please send the original and three copies of the form and all other supporting material, to assist consultation.

**If you need help and advice**

We have made the application form as straightforward as possible, but please get in touch with us at the address given above if you need any advice on how to set out the information we need.

1EN





## DESCRIPTION OF ACTIVITY

Cementitious materials arrive at Kingsferry Wharf in road vehicles (bulk tankers) or in sealed Flexible Intermediate Bulk Containers (large bags known as FIBCs) by road in ISO containers, or on vessels berthed on the wharf. The bags are discharged from the vessels by mobile crane, fork lift trucks then move the bags to the warehouse or covered storage.

All operations for the handling of bulk cementitious material must take place within the confines of the warehouse and attached buildings shown in red on plans DMP3a & DMP5a.

Note: The handling of sealed FIBCs outside the area outlined in red on plans DMP3a & DMP5a does not fall within the scope of this permit.

The warehouse is sealed and has a dust extraction and bag filter arrestment plant with dust extraction points from the purge tank, the bulk storage tanks, the bagging unit, the screening unit and the balling unit. Other extraction points are situated in the sealed warehouse as indicated in document DMP6a. The fan machinery and bag filters are situated on the outside of the warehouse on the North West facing wall (see example photograph DMP6b). The filter bags are self cleaning. When the extractor fan is switched off, the bags deflate causing the product to fall into the three receiving bags.

Six types of operations take place within the confines of the warehouse and attached buildings, shown in red on plans DMP3a & DMP5a.

### 1. Purging of road tanker vehicles

When a road tanker vehicle arrives to collect cementitious material, it must be purged of residue prior to new cargo being loaded. The tanker is attached to the purge tank, situated against the North West wall outside the warehouse, by a flexible hose and the road tanker emptied by means of the vehicle's compressed air system. The purge tank is connected to the dust extraction and arrestment plant to extract and filter displaced air from the purge tank.

### 2. De-Bagging of FIBCs and transfer to road tankers

This is carried out in the sealed warehouse marked on plans DMP3a & DMP5a, using purpose-built equipment in the form of a hopper (Gutteridge) to receive the bags (Ref; DMP6b). The hopper has fixed knife blades that split the base of the bags when they are placed into the hopper and sealed against the hopper rim. The material goes into a screw feed that lifts it to a flexible Cimbria Moduflex loading chute that seals onto the road tanker vehicle's top opening and allows discharge into the sealed road tanker. Displaced air from the road tanker is filtered by the Cimbria Moduflex loading chute's integral filter and the filtrate is fed back into the tanker.

### 3. De-bagging of rejected FIBCs

Rejected FIBCs are de-bagged in the sealed warehouse marked on plans DMP3a & DMP5a, into the BOM hopper that transfers the cementitious material by screw conveyor into a sealed inlet on a Locker Rotex Screening Unit. The material then passes over a

"screen mesh" where the oversized material is collected into sealed FIBCs for disposal by the client - acceptable sized cementitious material is collected into sealed FIBCs, and removed, to covered storage.

#### 4. Bagging operation

Bagging of cementitious material into 25kg sacks is carried out in the sealed warehouse marked in red on plans DMP3a & DMP5a in conjunction with the Gutteridge hopper debagging machine. The Reed Medway bagging plant is positioned under the Cimbría Moduflex filling chute, which is lowered into the bagging hopper orifice creating a seal. The 25kg sacks are then filled with cementitious material fed through the system. Displaced air from the bagging machine is extracted and filtered by the Cimbría Moduflex loading chute and the filtrate is fed back into the bagging machine. The 25kg sacks are then palletised, stretch-wrapped/shrink-wrapped, and placed into covered storage.

#### 5. Storage operation

To fill the five bulk storage tanks situated under the canopy outside the warehouse, (see plans DMP3a & DMP5a) cementitious material is transferred from road tanker vehicles into the bulk storage tanks by using the delivery road tanker vehicles integral discharge unit which is connected by flexible hose to the flange on the bulk storage tanks. Displaced air from the bulk storage tanks will be evacuated through the extraction and arrestment plant. Material stored within these bulk storage tanks is gravity fed into FIBCs, which are connected to a self-sealing rotary valve affixed to the outlet gate. Filled FIBCs are then removed, sealed and placed into covered storage.

#### 6. Disposal of empty FIBCs

Empty FIBC bags, from the debagging process, are placed into an Orwak Compactor situated within the warehouse, marked on plans DMP3a & DMP5a. The compactor, which is connected to the extraction and arrestment unit, bales the waste FIBCs. Baled bags are sealed in outer wrapping and collected by an authorised recycling contractor.

All spillages on site will be removed by means of an industrial vacuum cleaner and/or a vacuum and/or wet road sweeper. Residues are either recycled within the sealed warehouse or disposed of by means of sealed bags.

**Topographical Features**

| Symbol   | Description      |
|----------|------------------|
| (Symbol) | Contour Line     |
| (Symbol) | Spot Elevation   |
| (Symbol) | Water Feature    |
| (Symbol) | Drainage Pattern |
| (Symbol) | Structure        |
| (Symbol) | Boundary         |
| (Symbol) | Other            |

**Legend**

| Symbol   | Description      |
|----------|------------------|
| (Symbol) | Contour Line     |
| (Symbol) | Spot Elevation   |
| (Symbol) | Water Feature    |
| (Symbol) | Drainage Pattern |
| (Symbol) | Structure        |
| (Symbol) | Boundary         |
| (Symbol) | Other            |

**General**

- 1. This map is a reproduction of the original map.
- 2. All measurements are in feet.
- 3. The scale is 1 inch = 100 feet.
- 4. The map is based on the following data:

**Legend**

**Abbreviations**

**Distances**

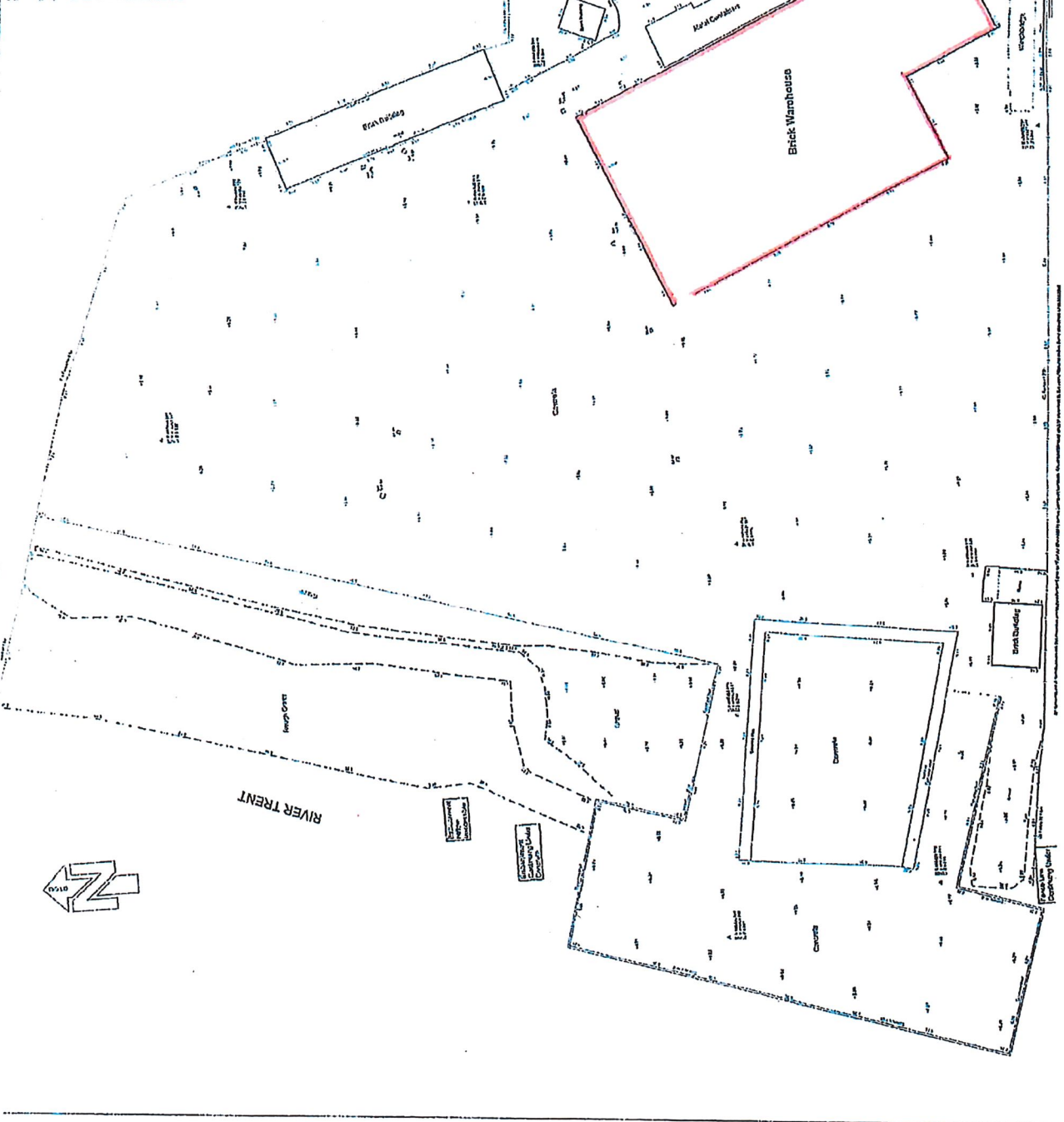
**Level**

**Level**

**Level**

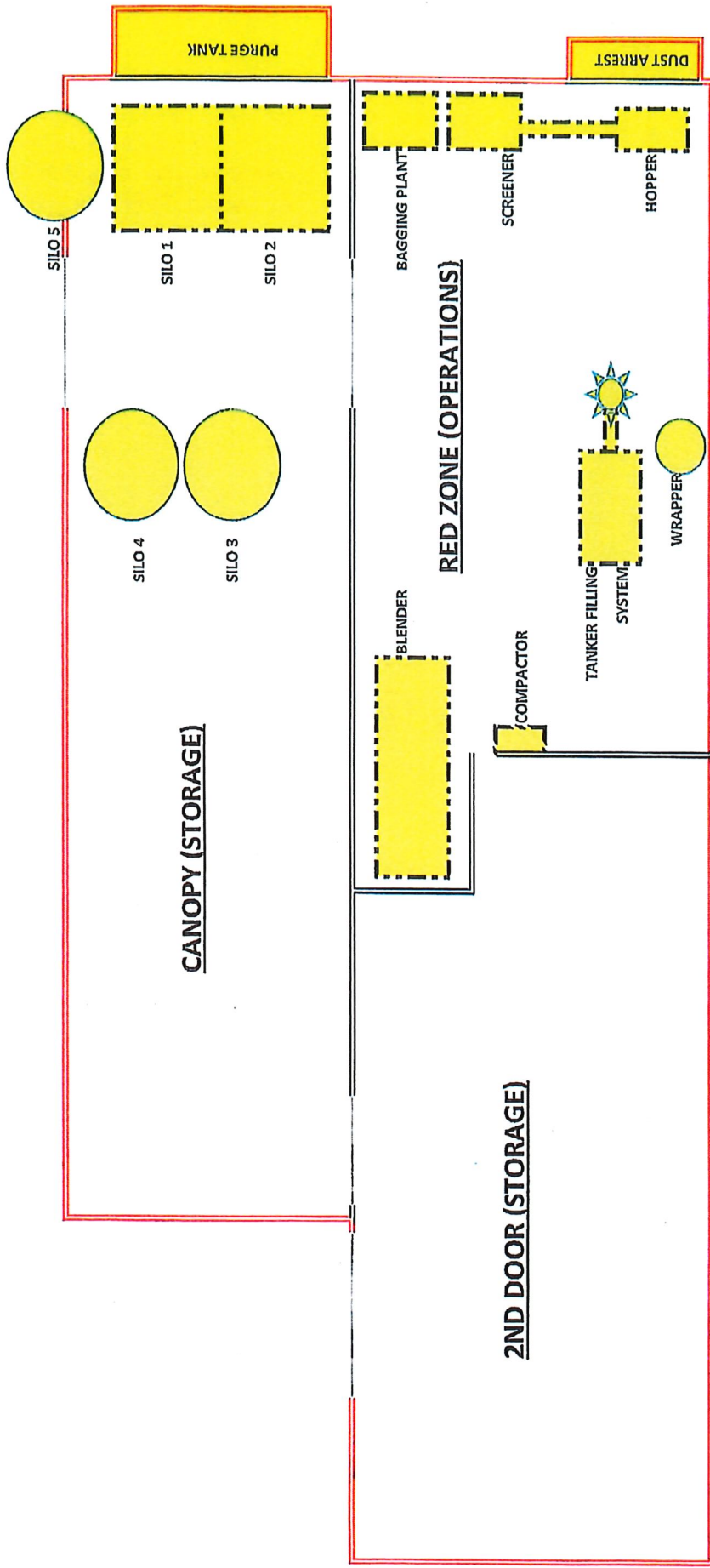
**Spot Elevations**

| Point | Elevation |
|-------|-----------|
| 1     | 100.0     |
| 2     | 100.0     |
| 3     | 100.0     |
| 4     | 100.0     |
| 5     | 100.0     |
| 6     | 100.0     |
| 7     | 100.0     |
| 8     | 100.0     |
| 9     | 100.0     |
| 10    | 100.0     |
| 11    | 100.0     |
| 12    | 100.0     |
| 13    | 100.0     |
| 14    | 100.0     |
| 15    | 100.0     |
| 16    | 100.0     |
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| 42    | 100.0     |
| 43    | 100.0     |
| 44    | 100.0     |
| 45    | 100.0     |
| 46    | 100.0     |
| 47    | 100.0     |
| 48    | 100.0     |
| 49    | 100.0     |
| 50    | 100.0     |



DMP 3





DMP 5a

