Area of buried high voltage wires from overheads to switch gear

Overhead power lines to substation compound

Dry stone walling to boundary

Tofts Lane

Tank 1 3.5m Dia

Tank 2 3.5m Dia

Tank 3 3.5m Dia

Delivery and parking area for Fuel tankers.

Concrete hardstanding

New steel gate to be erected to stop unauthorised access. Gate to be 1.5m high to match the gate on the YEDL access.

4.8m x 70m visibility splay

Grass

6400.0000

5313.5416

10m radius to allow HGV's to swing into the site. Radius to have bullnose kerbing.

New drive to be constructed from 225mm reinforced concrete and jointed neatly with Tofts Lane.

Any grass damaged during construction shal be re planted with native species.

Stone wall to be taken down to form new access. Ends of wall to be tided up using stone from the demolished section

Dry stone walling to boundary

Grass

4.8m x 70m visibility splay

uns

Path

N

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CORPORATE MAIL ROOM

GreenFrog Power Limited

GreenFrog Power Ltd
Unit 4 Trillennium
Gorsey Lane
Coleshill
Birmingham.
B46 1JU

Tel: 0845 0044739

Design ○
Planning ●
Tender ○
Construction ○

Rev	Ammendment	Date
-	-	-

Site : GHUN-1
Tofts Lane, Hunshelf

Dwg Title : Proposed Site Access

Date : July 2010

Scale : 1:200 at A1

Drawn by : DMS

Drawing No :	Revision :
HUNS/010	-

KEY TO LANDSCAPE PROPOSALS

Existing Vegetation

The existing site predominately consists of rough grassland/grazing land. There are few trees in the immediate vicinity other than isolated deciduous species.

All existing grassland which is disturbed during construction is to be re-instated as per the specifications below. Any grass/vegetation in the location of each tree is to be sprayed off and or removed prior to cultivation and planting of new trees.

Proposed Planting Details & Specification

All vegetation to be removed prior to regrading ofnew earth bund to the perimter of the site and decompaction of soil/subsoil by hand digging or rotorvator to be carried out prior to planting and/or seeding

Top 300mm to be cultivated to a fine tilth and mushroom compost and Enmag slow release fertilizer incorporated at 50mm

All plants to be supplied by a reputable nursery. The designer should be made aware of any substitutes should the contractor be unable to source the specified species below.

Trees

Trees to be planting to provide height to the proposed planting on the screen bund. Species selected in context of the surrounding landscape as well as aesthetic merits including berries, flowers, leaf colour etc.

Standard Tree Planting

3.0 - 3.5m high, selected standard trees 10 - 12cm girth, pit planted including organic compost backfill. All trees to be secured by single rounded stake, secured with buckled strap and rubber spacer. To be fitted with rabbit/sheep protective tube.

50% Fraxinus excelsior (Common Ash)
50% Quercus robur (English Oak)

Feathered Tree Planting

1.75 - 2.0m high, feathered trees, pit planted including organic compost backfill. All trees to be secured by single rounded stake, secured with buckled strap and rubber spacer. To be fitted with rabbit/sheep protective tube.

50% Crataegus monogyna (Hawthorn)
50% Alnus glutinosa (Common Alder)

Grass

Grass seeding to provide a verge of shorter grass either mown or grazed by adjacent livestock around the base of the screen bund. Other areas of grass allowed to grow taller and left unmanaged. Species selected appropriate to this rural location .

Grass Areas and Bund

New grass areas to be seeded in accordance with the following specification:

Bring top 150mm of topsoil to a fine tilth, remove stones over 25mm, apply pre-seeding fertilizer at 50g/m² and work into top 50mm of soil during final cultivation, seed with following grass mix in two operations, harrow and roll seedbed lightly after sowing. Sowing Rate: 20g/m

Seed mix - BSH Mix A25 (Agricultural Reinstatement Grass) or similar approved

Hardstanding

A new entrance is to be formed with a bellmouth connection onto Tofts Lane formed with a concrete surface. The hard standing area in the centre of the plant is to be formed with 'permeable paving' to enable surface water to soakaway naturally below ground. The perimeter of the building is to be surface with gravel.

Concrete Entrance

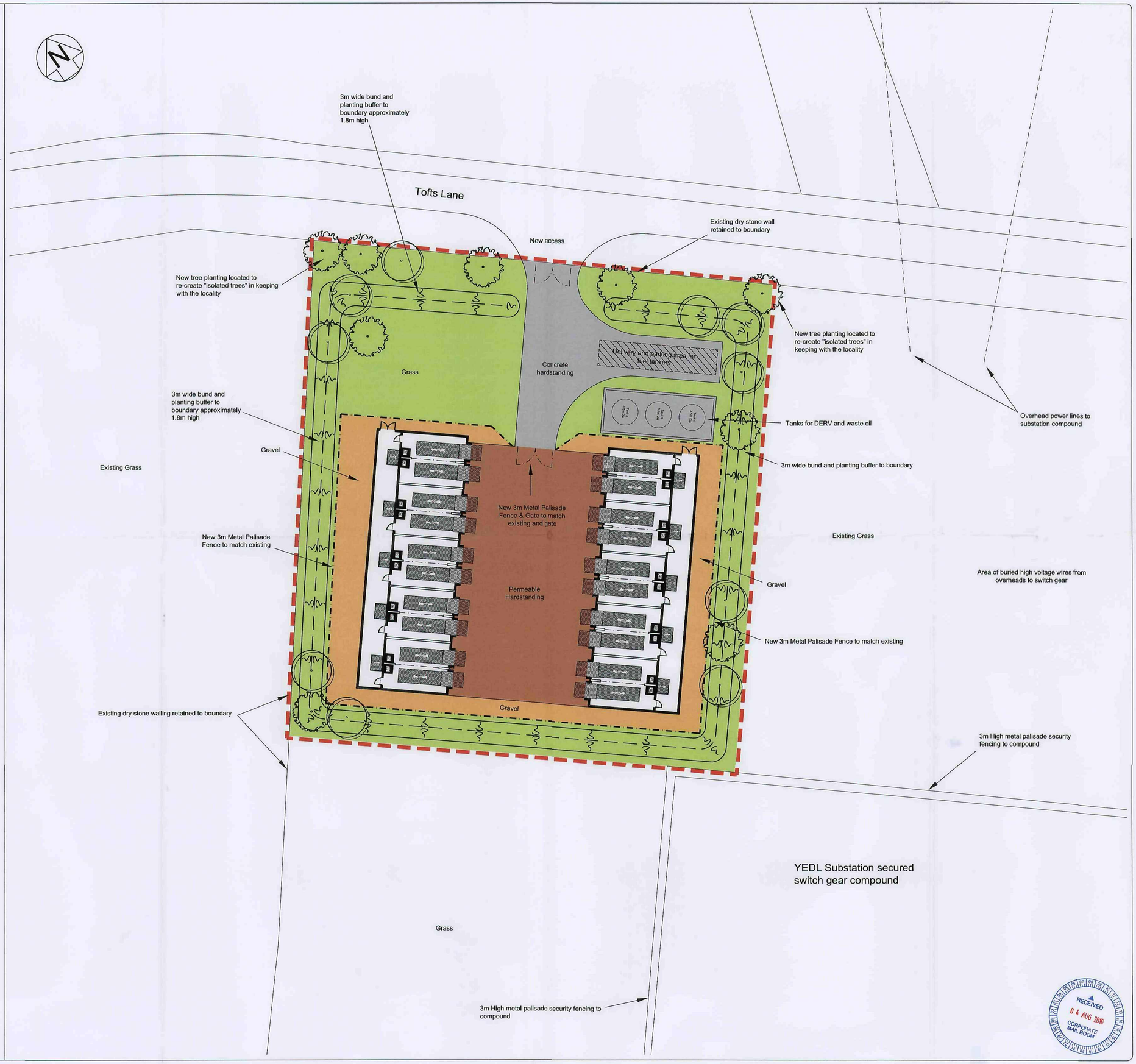
A new access is to be formed from Tofts Lane to be formed in concrete to the engineers specification.

Permeable Hardstanding

The central area of the compound is to be surfaced with permeable paving to allow surface water to 'soakaway' below ground. To be installed as per engineers specification.

Gravel Margin

The perimeter of the site is to be surfaced with 10-25mm washed gravel laid to a depth of 75mm over a polythene/visqueen sheet to prevent weed growth



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Notes:

Implementation & Maintenance

New planting to be carried out within the first planting season (October - March) following completion of the works.

All new planting areas are to be subject to 12 months maintenance programme.

The general maintenance programme will include 5 - 10 visits:

- weeding
- raking mulch
- pruning
- firming
- watering
- replacing dead or dying plants
- strategic removal of trees/shrubs for thinning purposes as necessary

In the event that trees and/or shurbs die, are removed, destroyed or in the opinion of the local authority, fail to thrive or are otherwise defective during such a period, they shall be replaced during the first planting season thereafter.

Notes:

This drawing is based on Green Frog drawing number HUNS/SP/02 Revision B

Rev	Date	Description	Drawn	Checked
A	20.07.10	Amended in line with client comments	MJB	GLM

Client
Green Frog Power

Project
Proposed Small Scale Power Plant
Tofts Lane, Hunshelf
Barnsley, S36 2BS

Title
Proposed Landscaping Plan

Drawing Status
FOR PLANNING APPROVAL

Drawn	MJB	Checked	GM
Date	12.07.10	Scale (A1)	1:250

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Environmental Consultants to the Construction Industry
■ BREEAM ■ Code for Sustainable Homes Assessors ■ Landscape Architecture ■ Highway Engineers ■ Life Cycle Costing ■ Energy Assessment ■ SAP ■ EPC ■ SBEM ■ Daylight Calculations

Job Number	Drawing Number	Rev
A1403	01	A

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3m wide bund and planting buffer to boundary

Tofts Lane

Dry stone walling to boundary

4.8m x 70m visibility splay

New access

4.8m x 70m visibility splay

Grass

Grass

Concrete hardstanding

Delivery and parking area for Fuel tankers

3.0m wide bund and planting buffer to boundary

Overhead power lines to substation compound

N

path

sun

3m wide bund and planting buffer to boundary

Grass

Tanks for DERV and waste oil

Tank 3 3.5m Dia

Tank 2 3.5m Dia

Tank 1 3.5m Dia

Grass

New 3m Metal Palisade Fence to match existing and gate

New 2.4m Metal Palisade Fence to match existing

Grass

Area of buried high voltage wires from overheads to switch gear

New 2.4m Metal Palisade Fence to match existing

Gravel

Gravel

Permeable Hardstanding

Dry stone walling to boundary

Gravel

New 2.4m Metal Palisade Fence to match existing

3m wide bund and planting buffer to boundary

2.4m High metal palisade security fencing to compound

YEDL Substation secured switch gear compound

Grass

Gravel Section

New road construction

Gravel

Landscape Fabric

Base course/Sub base

Hardcore

Permeable Hardstanding Section

Permeable Hardstanding construction

Paving

Bedding Layer/Jointing Sand

Base Course/Sub-Base MOT 1

Geotextile

Liner

Subgrade

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Design ○
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Tender ○
Construction ○

Rev	Ammendment	Date
A	blue boundary line omitted as requested by LA	07/07
B	Hardstanding amended, Fence Repositioned & Sections Added.	09/0
C	Visibility splays added to new site access	29/0

Site : GHUN-1
Tofts Lane, Hunshelf

Dwg Title : Proposed Site Plan

Date : May 2010

Scale : 1:2

Drawn by : DMS

Drawing No : HUNS/SP/002

Revision

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