



- EXISTING WOODLAND
- PROPOSED WOODLAND BLOCK
- PROPOSED WOODLAND EDGE
- PROPOSED SCRUB
- PROPOSED SCRUB EDGE
- PROPOSED INDIVIDUAL TREES
- PROPOSED WILDFLOWER GRASS MIX - BSH WFG4
- PROPOSED MAGNESIAN LIMESTONE GRASSLAND (APPROXIMATE EXTENT OF)
- PROPOSED HARD SURFACING
- PROPOSED PERMEABLE HARD SURFACING
- AREA FOR POTENTIAL LOCATION OF ATTENUATION POND*
- AREA OF APPROVED FM1 LANDSCAPING WORKS
- FM 2 APPLICATION BOUNDARY

NOTES

The species will include (but will not necessarily be restricted to) those listed.
The handling of plants to be in accordance with National Plant Specification 'Handling and Establishing Landscape Plants'.

All plants and planting operations are to comply with the requirements and recommendations of all current relevant British Standard specification including:

- BS 3936-1:1992. Nursery stock. Specification for trees and shrubs
- BS 3882: 2007 Specification for topsoil and requirements for use (incorporating Corrigenum No.1)
- BS 4428:1989. Code of practice for general landscape operations (excluding hard surfaces) (AMD 6784)
- BS 5837: 2012 Trees in relation to design, demolition and construction - Recommendations
- BS 7370-3:1991. Grounds maintenance. Recommendations for maintenance of amenity and functional turf (other than sports turf)

All planting specified should use existing good quality site won topsoil and/or imported, clean/inert horticultural ameliorants from sustainable sources. Slow release fertiliser to be Enmag CRF.
All planting to be carried out in optimal planting period October through until March and during appropriate climatic conditions.
Where possible, whilst allowing construction activities, existing trees within and adjacent to the application boundary are to be retained and protected to BS5837:2012.

* Location of attenuation pond to be determined at detailed design stage depending on grid connection option etc.
** Layout of landscape elements subject to change to all appropriate easements for underground cables and construction of access roads to NPG sub-station.

TYPICAL PLANTING SCHEDULES

WOODLAND PLANTING

Species	Form	Age	Height	Root
Acer platanoides	Transplant	1+1	40 - 50	B
Alnus glutinosa	Transplant	1+1	40 - 50	B
Betula pendula	Transplant	1+1	40 - 50	B
Ilex aquifolium	Transplant	1+1	40 - 50	B
Prunus avium	Transplant	1+1	40 - 50	B
Quercus robur	Transplant	1+1	40 - 50	B
Salix alba	Transplant	0/1	60-80	B

WOODLAND EDGE PLANTING

Species	Form	Age	Height	Root
Acer campestre	Transplant	1+1	40 - 60	B
Corylus avellana	Transplant	1+1	40 - 60	B
Cornus sanguinea	Transplant	1+1	40 - 60	B
Crataegus monogyna	Transplant	1+1	40 - 60	B
Euonymus europaeus	Transplant	1+1	40 - 60	B
Ligustrum vulgare	Transplant	1+1	40 - 60	B
Prunus spinosa	Transplant	1+1	40 - 60	B
Salix fragilis	Transplant	0/1	60-80	B
Viburnum opulus	Transplant	1+1	40 - 60	B

SCRUB PLANTING

Species	Form	Age	Height	Root
Corylus avellana	Transplant	1+1	40 - 60	B
Cornus sanguinea	Transplant	1+1	40 - 60	B
Cytisus scoparius	Transplant	1+1	40 - 60	B
Ligustrum vulgare	Transplant	1+1	40 - 60	B
Prunus spinosa	Transplant	1+1	40 - 60	B
Rosa arvensis	Transplant	1+1	40 - 60	B
Sambucus nigra	Transplant	1+1	40 - 60	B
Viburnum lantana	Transplant	1+1	40 - 60	B
Viburnum opulus	Transplant	1+1	40 - 60	B

SCRUB EDGE PLANTING

Species	Form	Age	Height	Root
Cornus sanguinea	Transplant	1+1	40 - 60	B
Cytisus scoparius	Transplant	1+1	40 - 60	B
Ligustrum vulgare	Transplant	1+1	40 - 60	B
Rosa arvensis	Transplant	1+1	40 - 60	B
Viburnum lantana	Transplant	1+1	40 - 60	B

SPECIMEN TREE PLANTING

Species	Form	Girth	Height	Stem	Root
Alnus glutinosa	Feathered		200-250		B
Amelanchier lamarkii	Standard	8 - 10	250-300	175-200	RB
Betula pendula	Feathered		175-200		B
Crataegus crus-galli	Heavy Standard	12 - 14	350-425	175-200	RB
Malus tschonoskii	Heavy Standard	12 - 14	350-425	175-200	RB
Malus x zumi 'Golden Hornet'	Heavy Standard	12 - 14	350-425	175-200	RB
Prunus padus	Heavy Standard	12 - 14	350-425	175-200	RB
Quercus robur	Transplant	1+1	40 - 60		B

NOTE
B = Bareroot
RB = Root balled

GRASS SEEDING

Wildflower Grass Mix - Germinant Seeds WFG4

Festuca rubra ssp litoralis	Slender Creeping Red Fescue	25%
Cynosurus cristatus	Crested Dogstail	20%
Festuca rubra rubra	Strong Creeping Red Fescue	20%
Festuca arundinacea	Tall Fescue	10%
Onobrychis vicifolia	Sainfoin	5%
Phleum bertolonii	Small Leaved Timothy	5%
Leucanthemum vulgare	Oxeye Daisy	2%
Centaurea cyanus	Common Knapweed	1.2%
Galium verum	Lady's Bedstraw	1.2%
Linum usitatissimum	Flax	1.2%
Plantago lanceolata	Ribwort Plantain	1.2%
ranunculus acris	Meadow Buttercup	1.2%
Sanguisorba minor	Salad Burnet	1.2%
Achillea millefolium	Yarrow	1%
Medicago lupulina	Black Medick	1%
Mililotus alba	White Melilot	1%
Lotus corniculatus	Birdsfoot Trefoil	0.6%
Prunella vulgaris	Self Heal	0.6%
Rhinanthus minor	Yellow Rattle	0.6%
Lychnis flos-cuculi	Ragged Robin	0.3%
Scabiosa columbaria	Small Scabious	0.3%
Vicia sativa Common	Velch	0.2%
Conopodium majus	Pignut	0.1%
Geranium pratense	Meadow Cranesbill	0.1%

Magnesian Limestone Grassland Mix
Consultation will be undertaken with the Yorkshire Wildlife Trust to attempt to identify local unimproved native grasslands where seed could be harvested or green hay gathered for subsequent sowing on Site. Should this prove unable to prove suitable seed the following commercial seed mix shall be used:

Emorsgate EM6F - Wild flowers for chalk & limestone soils

Latin name	Common name	%
Achillea millefolium	Yarrow	2.5
Anthyllis vulneraria	Kidney Vetch	4
Centaurea nigra	Common Knapweed	5
Centaurea scabiosa	Greater Knapweed	10
Clinopodium vulgare	Wild Basil	2
Daucus carota	Wild Carrot	3
Galium verum	Lady's Bedstraw	5
Knautia arvensis	Field Scabious	10
Leontodon hispidus	Rough Hawkbit	2
Leucanthemum vulgare	Oxeye Daisy	7.5
Lotus corniculatus	Birdsfoot Trefoil	10
Onobrychis vicifolia	Sainfoin	6
Origanum vulgare	Wild Marjoram	2
Plantago media	Hoary Plantain	2.5
Poterium sanguisorba - (Sanguisorba minor)	Salad Burnet	10
Primula veris	Cowslip	5
Ranunculus acris	Meadow Buttercup	7.5
Reseda lutea	Wild Mignonette	3
Scabiosa columbaria	Small Scabious	3



NOTES

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Revision	By	Date	Suffix
Proposed magnesian grassland added	RB/MT	04 03 15	02

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

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Purpose of issue

Client: **multifuel ENERGY**

Project Title: **Proposed Ferrybridge Multifuel 2 (FM2) Order**

Drawing Title: **INDICATIVE LANDSCAPE PLAN VERSION 2.0 CLEAN VERSION**

Designed	Drawn	Checked	Approved	Date
RB	RB	MT		MAY 2014

URS Internal Project No: 47066159
Scale @ A1: 1:1000
Zone / Mileage

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