

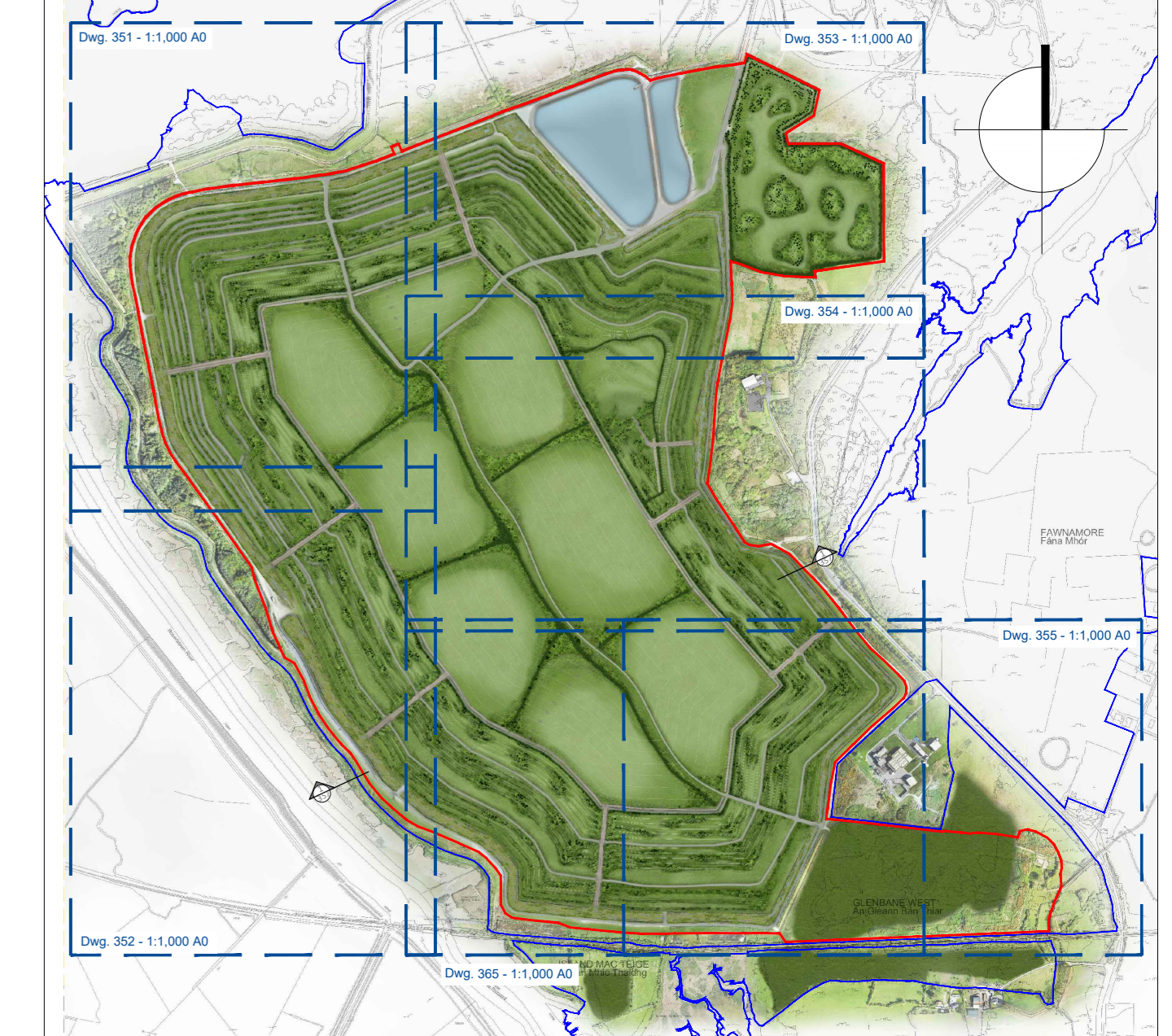


LEGEND

- Application Red Boundary Line
- Application Blue Boundary Line
- Proposed landscape mounds for side slope restoration
- Proposed hedgerows and tree planting to dome
- Existing side slope vegetation
- Proposed levels

- ① BRDA Stages 1 to 5 (permitted BRDA)
- ② BRDA Stages 6 to 10 (permitted BRDA)
- ③ BRDA Stages 11 to 16 (proposed BRDA Raise)
- ④ Existing Perimeter Interceptor Channel planted as wetland for surface water drainage
- ⑤ Collection pond for surface water
- ⑥ Attenuation pond for clarified surface water
- ⑦ Spillways, constructed progressively in three sections
- ⑧ Maintenance Access track
- ⑨ Dome perimeter surface water channel
- ⑩ Dome
- ⑪ Woodland planting areas (part of existing planning permission)
- ⑫ Borrow Pit Restoration Landscaping:

Landscape pockets to be established on Borrow Pit floor along the perimeter and in localised areas within the Borrow Pit using ameliorated soil and planted with Alder, Birch and Willow trees together with Irish native shrub understorey.



KEY PLAN
Scale N.T.S.

OUTLINE PLANTING SPECIFICATION

GENERAL TERRACES
Minimum 500mm topsoil and compost for landscaping

STAGE 5 TERRACE
1.0m depth amended bauxite residue, applied in two 500mm deep layers. The lower layer comprises neutralised bauxite residue, washed processed sand and gypsum, while the upper layer also includes organic compost for landscaping

Species	Common Name	Percentage Mix
GRASS AND CLOVER SEED MIXTURE 80%		
<i>Agrostis stolonifera</i>	Creeping bent	Eq.
<i>Agrostis capillaris</i>	Common bent	Eq.
<i>Cynodon cristatus</i>	Crested dog's-tail	Eq.
<i>Festuca ovina</i>	Sheep's fescue	Eq.
<i>Festuca rubra</i>	Red fescue	Eq.
<i>Lolium perenne</i>	Perennial ryegrass	Eq.
<i>Puccinellia maritima</i>	Saltmarsh-grass	Eq.
<i>Trifolium pratense</i>	Red clover	Eq.
<i>Trifolium repens</i>	White clover	Eq.
WILD FLOWER MIX 20%		
<i>Lotus corniculatus</i>	Birds-foot trefoil	4
<i>Medicago lupulina</i>	Black medick	6
<i>Centaurea nigra</i>	Black knapweed	6
<i>Vicia sativa</i>	Common vetch	8
<i>Gallium verum</i>	Lady's bedstraw	32
<i>Ranunculus acris</i>	Meadow buttercup	9
<i>Malva moschata</i>	Musk mallow	4
<i>Leucanthemum vulgare</i>	Oxeye daisy	7
<i>Hypericum perforatum</i>	Perforate St. John's-wort	4
<i>Plantago lanceolata</i>	Ribwort plantain	8
<i>Samolus ruber minor</i>	Soldier's burnet	22
<i>Prunella vulgaris</i>	Self-heal	8
<i>Silene latifolia</i>	White campion	4
<i>Daucus carota</i>	Wild carrot	4
<i>Achillea millefolium</i>	Yarrow	4

HYDROSEEDING OF ROCK SIDE SLOPES
Hydroseeded mix is 1:1:2kg of pro matrix hydro mulch, 50g seed mixture and 30g artificial nPK fertilizer per m²

Species	Common Name	Percentage Mix
<i>Lolium perenne</i>	Perennial ryegrass	Eq.
<i>Festuca rubra</i>	Creeping fescue	Eq.
<i>Poa annua</i>	Meadow grass	Eq.
<i>Phleum pratense</i>	Timothy	Eq.
<i>Agrostis castillana</i>	Highland bent grass	Eq.
<i>Trifolium pratense</i>	Red clover	Eq.
<i>Trifolium repens</i>	White clover	Eq.

LANDSCAPE MOUNDS
Variable depth subsoil with enriched topsoil for landscaping

Species	Common Name	Percentage Mix
CLIMBERS / SCRAMBLERS		
<i>Rosa canina</i>	Dog rose	50
<i>Lonicera periclymenum</i>	Honeysuckle	50
IRISH NATIVE SHRUB		
<i>Salix caprea</i>	Goat willow	30
<i>Crateagus monogyna</i>	Hawthorn	20
<i>Prunus spinosa</i>	Blackthorn	20
<i>Corylus avellana</i>	Hazel	30
<i>Eucalyptus europaeus</i>	Spindle	30
IRISH NATIVE TREES		
<i>Betula pendula</i>	Birch	50
<i>Alnus glutinosa</i>	Alder	20
<i>Prunus padus</i>	Bird cherry	20
<i>Sorbus aucuparia</i>	Rowan	30

DOME
1.0m depth amended bauxite residue, applied in two 500mm deep layers. The lower layer comprises neutralised bauxite residue, washed processed sand and gypsum, while the upper layer also includes organic compost for landscaping

Species	Common Name	Percentage Mix
GRASS AND CLOVER SEED MIXTURE 80%		
<i>Agrostis stolonifera</i>	Creeping bent	Eq.
<i>Agrostis capillaris</i>	Common bent	Eq.
<i>Cynodon cristatus</i>	Crested dog's-tail	Eq.
<i>Festuca ovina</i>	Sheep's fescue	Eq.
<i>Festuca rubra</i>	Red fescue	Eq.
<i>Lolium perenne</i>	Perennial ryegrass	Eq.
<i>Puccinellia maritima</i>	Saltmarsh-grass	Eq.
<i>Trifolium pratense</i>	Red clover	Eq.
<i>Trifolium repens</i>	White clover	Eq.
WILD FLOWER MIX 20%		
<i>Lotus corniculatus</i>	Birds-foot trefoil	4
<i>Medicago lupulina</i>	Black medick	6
<i>Centaurea nigra</i>	Black knapweed	6
<i>Vicia sativa</i>	Common vetch	8
<i>Gallium verum</i>	Lady's bedstraw	32
<i>Ranunculus acris</i>	Meadow buttercup	9
<i>Malva moschata</i>	Musk mallow	4
<i>Leucanthemum vulgare</i>	Oxeye daisy	7
<i>Hypericum perforatum</i>	Perforate St. John's-wort	4
<i>Plantago lanceolata</i>	Ribwort plantain	8
<i>Samolus ruber minor</i>	Soldier's burnet	22
<i>Prunella vulgaris</i>	Self-heal	8
<i>Silene latifolia</i>	White campion	4
<i>Daucus carota</i>	Wild carrot	4
<i>Achillea millefolium</i>	Yarrow	4

Species	Common Name	Percentage Mix
IRISH NATIVE HEDGEROWS		
<i>Crateagus monogyna</i>	Hawthorn	50
<i>Prunus spinosa</i>	Blackthorn	20
<i>Corylus avellana</i>	Hazel	30
<i>Eucalyptus europaeus</i>	Spindle	5
<i>Ilex aquifolium</i>	Holly	30
<i>Sambucus nigra</i>	Elder	5
IRISH NATIVE TREES		
<i>Betula pendula</i>	Birch	50
<i>Alnus glutinosa</i>	Alder	20
<i>Prunus padus</i>	Bird cherry	20
<i>Sorbus aucuparia</i>	Rowan	30

Rev	Date	Drawn	Checked	Description

APPROPRIATE TO THE PROJECT
 I confirm that the information provided in this drawing is true and correct to the best of my knowledge and belief.
 I understand that this drawing is for the use of the client and is not to be used for any other purpose without the written consent of the client.
 I understand that the client is responsible for obtaining all necessary planning and other approvals for the project.
 I understand that the client is responsible for obtaining all necessary consents for the project.
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Project No.	Aughinish Alumina BRDA Raise	Project No.	6368	BSM
Client	Landscape Masterplan	Drawing No.	350 Rev. 00	
Scale	1:3500 @ A0	Status	Planning	Est. 1968
Date	01/12/2021	Drawn	IV	Checked