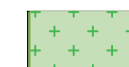

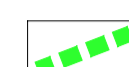





Legend:

-  PROPOSED WOODLAND MIX
-  HEDGEROW TYPE 1
-  HEDGEROW TYPE 2
-  PROPOSED BEECH HEDGE
-  PROPOSED POLLINATOR FRIENDLY WILDFLOWER MIX
-  OWNERSHIP BOUNDARY

Notes:

The function of the proposed mitigation planting is primarily for screening, but it will also enhance the ecological corridors within the surrounding area.

**Hedgerows**  
Mitigation screen planting shall consist of a mixture of native hedgerow species that are prevalent in the immediate area. Planting to consist of feathered whips (of various sizes) and advanced nursery stock (where necessary) in staggered rows at a spacing of 600mm.

'Under-planting' to consist of a single row of whips to the development side of existing tree lines and hedgerows. 'Inter-planting' to consist of whips at 600mm centres to fill gaps in existing tree lines and hedgerows. New sections of hedgerow will be planted with a triple staggered row of whips and advanced nursery stock at 600mm spacing.

All native species will be planted as whips, with the primary and secondary structure species to be of a minimum height of 80-100cm and the other shrub species to be of a minimum height of 40-60cm.

Proposed hedgerows to be planted as per diagram LMP1.1 and 1.2 and maintained at a height of 3-4m unless otherwise specified.

**Woodland Planting Mix**  
Woodland planting mix to comprise of High Canopy Dominants (<20%), Low-canopy; Sub-dominants (20-25%), Understorey and Fringe: High-Shrubs (20-40%) and Understorey and Edge: Lower-Shrubs (15-25%). Planting to be allowed to grow to reach maturity. Trees to be planted at varying distances from 1.5m x 1.5m to 3.0m x 3.0m. Smaller shrubs to be planted at spacing between 900mm and 1500mm centres depending on species.

Species mix to be finalised in conjunction with the project ecologist. All species to be from certified native stock and preferably from an approved supplier of the Green, Low-Carbon, Agri Environment Scheme (GLAS).

WOODLAND MIX SPECIES:

Botanical name	Common name	Size	%
High canopy (Dominants)			
Quercus Robur	Pendunculate Oak	Standard Tree 200-250cm	+20%
Pinus sylvestris	Scots Pine	Standard Tree 200-250cm, max. 3m	
Low canopy (Sub-dominants)			
Alnus glutinosa	Alder	Standard Tree 100-120cm	20-25%
Betula pubescens	Downy Birch	Standard Tree 100-120cm	
Prunus avium	Wild Cherry	Tree 10-15cm, max. 3m	
Crataegus monogyna	Hawthorn	Standard Tree 100-120cm	
Understorey and Edge (Fringe shrubs)			
Prunus Padus	Crab Apple	1+1m 90-120cm	20-40%
Corylus avellana	Hazel	1+1m 90-120cm	
Ilex aquifolium	Holly	1+1m 90-120cm	
Crataegus monogyna	Hawthorn	1+1m 90-120cm	
Understorey and Edge (Lower shrubs)			
Prunus spinosa	Blackthorn	1+1m 40-60cm	15-25%
Rosa-canina	Dog-rose	1+1m 40-60cm	
Eucynimus europaeus	Spindle	1+1m 40-60cm	

NATIVE HEDGEROW SPECIES:

Botanical name	Common name	Size	%
Primary structure:			
Crataegus monogyna	Hawthorn	1+2m 80-100cm / 10-15cm girth 3m or standard trees	60%
Secondary structure:			
Prunus spinosa	Blackthorn	1+2m 80-100cm	15%
Ilex aquifolium	Holly	1+2m 80-100cm	15%
Shrub species structure:			
Rubus fruticosus	Bramble	1+1m 40-60cm	2.5%
Corylus avellana	Hazel	1+1m 40-60cm	2.5%
Rosa canina	Dog-rose	1+1m 40-60cm	2.5%
Eucynimus europaeus	Spindle	1+1m 40-60cm	2.5%

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**CASTLELOST COUNTY WESTMEATH**

Drawing Title:  
**LANDSCAPE PLAN**

Project:  
**LEL FLEXGEN, CASTLELOST CO. WESTMEATH**

Drawn by:  
CD

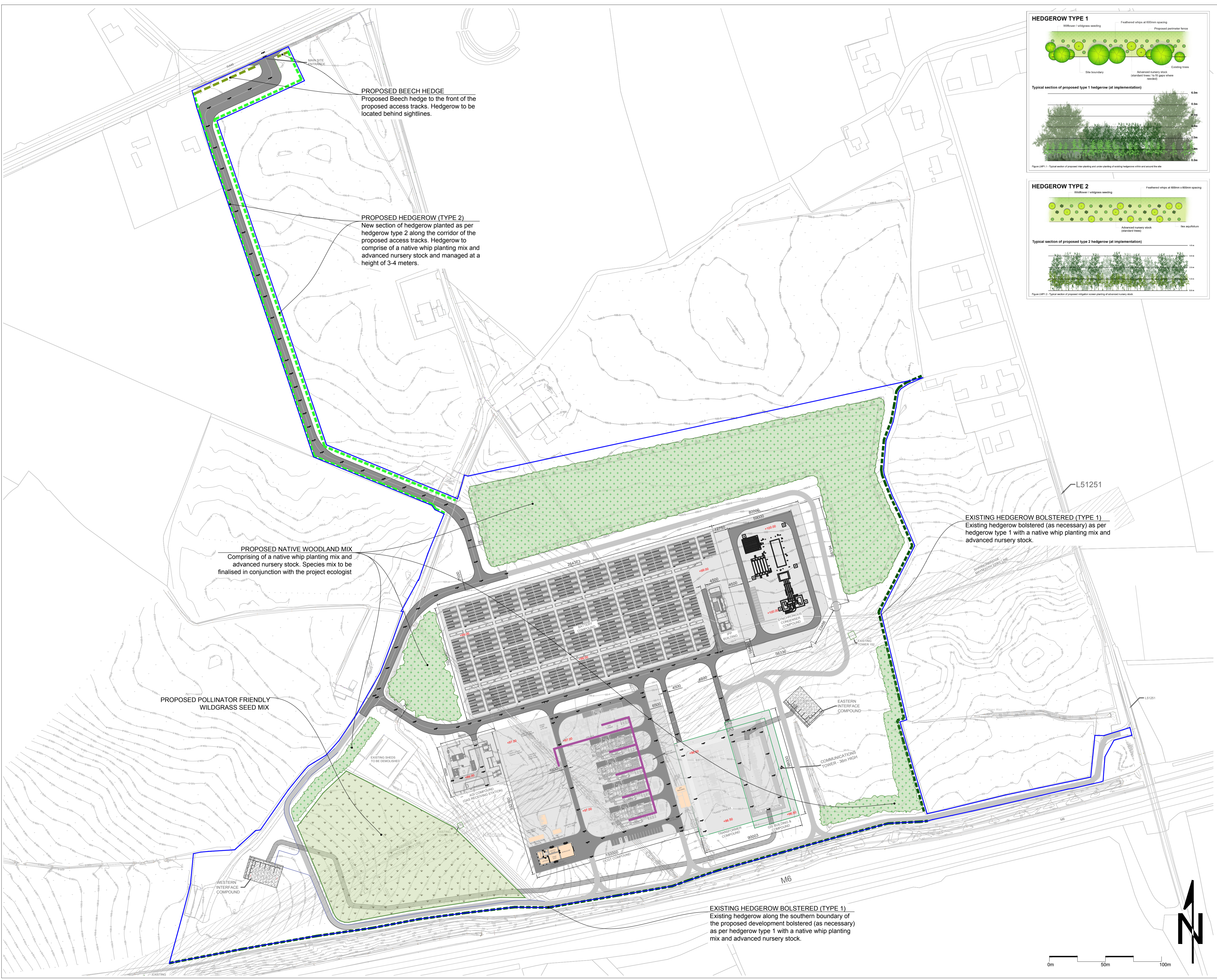
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RB

Drawing Ref:  
**LD.LELFXGN.1.1**

Scale:  
1:1500 @ A1

Date:  
DECEMBER 2021

ISSUED



**PROPOSED BEECH HEDGE**  
Proposed Beech hedge to the front of the proposed access tracks. Hedgerow to be located behind sightlines.

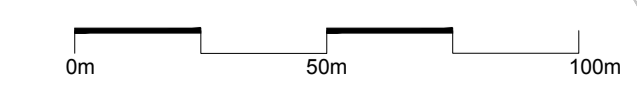
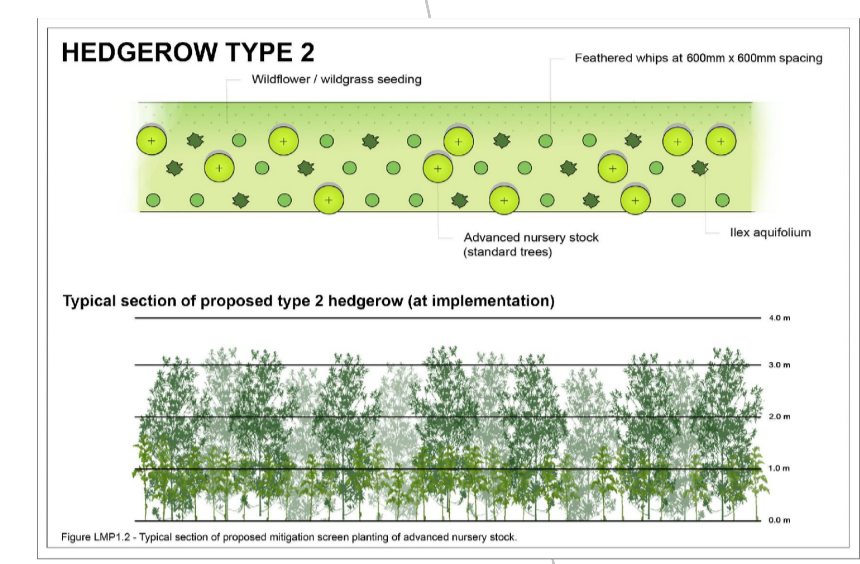
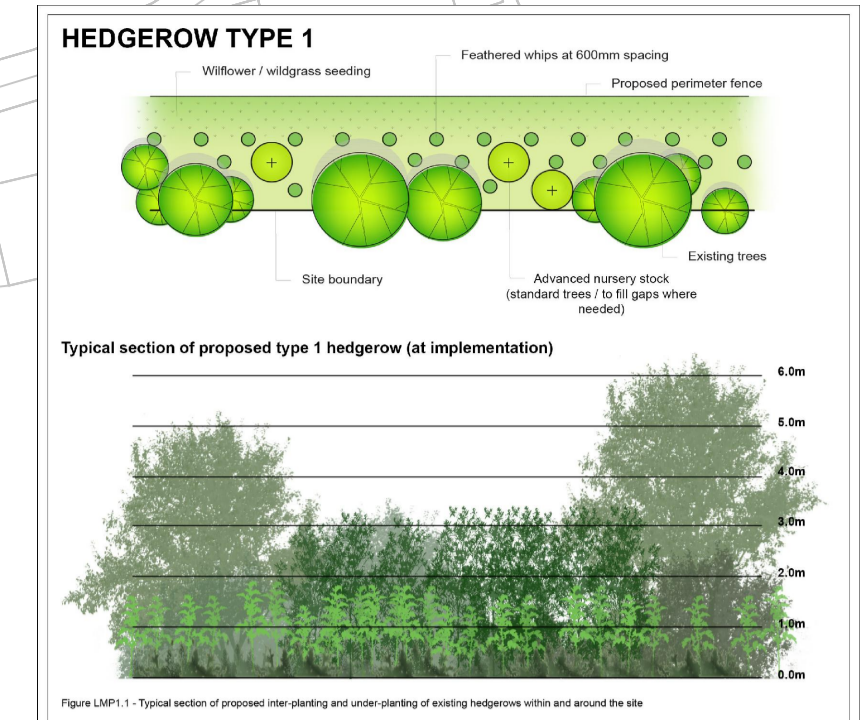
**PROPOSED HEDGEROW (TYPE 2)**  
New section of hedgerow planted as per hedgerow type 2 along the corridor of the proposed access tracks. Hedgerow to comprise of a native whip planting mix and advanced nursery stock and managed at a height of 3-4 meters.

**PROPOSED NATIVE WOODLAND MIX**  
Comprising of a native whip planting mix and advanced nursery stock. Species mix to be finalised in conjunction with the project ecologist

**PROPOSED POLLINATOR FRIENDLY WILDFLOWER MIX**

**EXISTING HEDGEROW BOLSTERED (TYPE 1)**  
Existing hedgerow bolstered (as necessary) as per hedgerow type 1 with a native whip planting mix and advanced nursery stock.

**EXISTING HEDGEROW BOLSTERED (TYPE 1)**  
Existing hedgerow along the southern boundary of the proposed development bolstered (as necessary) as per hedgerow type 1 with a native whip planting mix and advanced nursery stock.





TYPICAL SECTION OF BERM @ 1:100



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Drawing Title:  
**LANDSCAPE PLAN - BERM SECTION**

Project:  
**LEL FLEXGEN, CASTLELOST CO. WESTMEATH**

Drawn by:  
CD

Checked by:  
RB

Drawing Ref:  
**LD.LELFLXGN.1.2**

Scale:  
1:100 @ A1

Date:  
DECEMBER 2021

**ISSUED**