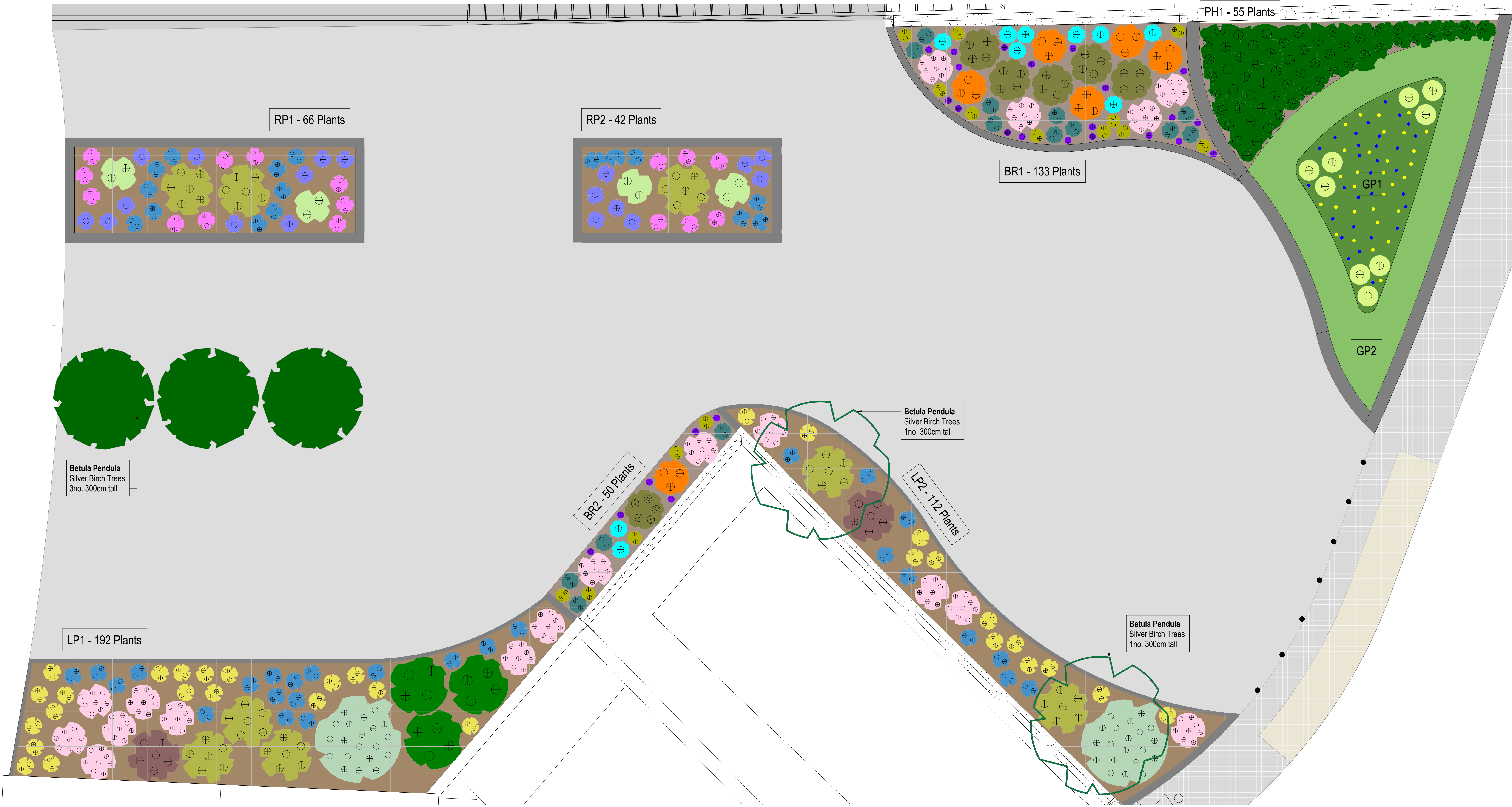




1 | 1 : 50 - Proposed Soft Landscaping Layout

Selected Species	Specification	Density	Position	Arrangement	BR1 (26 m²)	BR2 (16 m²)	LP1 (60 m²)	LP2 (30 m²)	RP1 (20 m²)	RP2 (14 m²)	HP1 (16 m²)	GP1 (16 m²)	GP2 (24 m²)
S1	Ilex Aquifolium Common Holly	10L	2 per m²	Central rear of planting beds Mixed in hedgerow	clustered by species	-	-	12no.	-	-	-	-	-
S2	Cysius 'Zeelandia' Cultivated Broom	4L	4 per m²	Central rear of planting beds	clustered by species	-	-	18no.	12no.	12no.	6no.	-	-
S3	Viburnum Opulus Guellder Rose	2L	4 per m²	Central rear of planting beds	clustered by species	-	-	20no.	20no.	-	-	-	-
S4	Rosa Rugosa 'Alba' White Japanese Rose	4L	4 per m²	Central rear of planting beds	clustered by species	-	-	6no.	6no.	-	-	-	-
S5	Dryopteris Affinis Golden Shield Fern	5L	2 per m²	Front of planting beds/ Centrally in free-standing planters	singularly planted	-	-	-	4no.	4no.	-	-	-
S6	Calluna Vulgaris Heather	2L	4 per m²	Front of planting beds	regularly spaced to form carpet when semi-mature	-	-	-	10no.	8no.	-	-	-
S7	Erica Carnea Alpine Heath	1L	8 per m²	Front of planting beds/ free-standing planters	regularly spaced to form carpet when semi-mature	-	-	-	20no.	12no.	-	-	-
S8	Primula Vulgaris Primrose	1L	8 per m²	Front of planting beds	scattered arrangement	-	-	38no.	24no.	-	-	-	-
S9	Betonica Officinalis Betony	1L	8 per m²	Scattered throughout planting beds/ planters	scattered arrangement	-	-	34no.	18no.	20no.	12no.	-	-
S10	Persicaria Bistorta Common Bistorta	1L	8 per m²	Front of planting beds	clustered by species	32no.	16no.	64no.	32no.	-	-	-	-
B1	Juncus Effusus Common Rush	5L	4 per m²	Centre of bio-retention area	clustered by species	18no.	5no.	-	-	-	-	-	-
B2	Eupatorium Cannabinum Hemp Agrimony	5L	4 per m²	Scattered throughout bio-retention areas	clustered by species	15no.	3no.	-	-	-	-	-	-
B3	Filipendula Ulmaria Meadow Sweet	1L	8 per m²	Scattered throughout bio-retention areas	clustered by species	20no.	8no.	-	-	-	-	-	-
B4	Lythrum Salicaria Purple Loosestrife	1L	8 per m²	Scattered throughout bio-retention areas	clustered by species	20no.	6no.	-	-	-	-	-	-
B5	Rudbeckia Fulgida Little Goldstar	1L	8 per m²	Front of bio-retention areas	clustered by species	20no.	10no.	-	-	-	-	-	-
B6	Deschampsia Cespitosa Goldtau	3L	4 per m²	Scattered throughout bio-retention areas	clustered by species	8no.	2no.	-	-	-	-	-	-
G1	Barenbrug E2 Tough Turf	seed	25-35g per m²	evenly sown over surface area	n/a	-	-	-	-	-	-	-	100%
G2	Barenbrug - Wildflowers Classic Hay Meadow	seed	5g per m²	evenly sown over surface area	n/a	-	-	-	-	-	-	100%	-
G3	Carex Pendula Pendulous Sedge	5L	n/a	to border wildflower mix	clustered in groups of 3-5	-	-	-	-	-	-	9no.	-
G4	Centaurea Cyanus Cornflower	plug	n/a	evenly sown over surface area	naturally scattered	-	-	-	-	-	-	30no.	-
G5	Leucanthemum Vulgare Ox-eye Daisy	plug	n/a	evenly sown over surface area	naturally scattered	-	-	-	-	-	-	30no.	-
H1	Fagus Sylvatica Common Beech	10L 90-120cm	50cm spacing	to create solid hedgerow	Spaced at 50cm intervals	-	-	-	-	-	55no.	-	-

Planter Construction



RP: Planter - Raised Surround - Stone
NBS System Ref: Ss_45_40_28_25
Location: Centre of Public Realm
Construction: Creation of new mid-level stone walls to the perimeter. Cock and hen coping with blockwork leaf providing the structure. Fill voids with a combination of hardcore/ soil and top entire surface area with fresh pine mulch, 30-40mm thick.



PH: Planted Hedgerow
NBS System Ref: Ss_45_35_05_67
Location: To Public Realm
Construction: Planted arrangement to grow conical edge of bio-retention area 1, to accommodate semi-formal beech hedgerow. Topped with topsoil.



LP: Planter - Level
NBS System Ref: Ss_45_40_28_25
Location: To Public Realm
Construction: Level planted area. Boundary defined by surrounding paved borders (refer to Hard Landscaping Layout 95002 for details). Top entire surface area with fresh pine mulch, 30-40mm thick.



BR: Bio-Retention Planter
NBS System Ref: Build-up TBC by Drainage and Structural Consultants
Location: To Centre of Public Realm
Construction: Sunken planters at a level dictated by Drainage Consultant. Engineered growing media, substrate and membrane layers to be detailed and specified by Drainage Consultant.



GP: Grassed Planter - Raised
NBS System Ref: Ss_45_40_28_25
Location: Adjacent to Masonic Street
Construction: Construction to match raised stone planters. Mixture of cultivated turf border and wildflower meadow centrally. Substrate and growing layers differ to RP flower planters as per specification and planting schedule.

Notes:

- Full NBS specifications to be developed at Stage 4 detailed design.
- Please read in conjunction with drawing 940003 - Soft Landscaping - East Side of Masonic Street

Planting - Species Key

- S1

Ilex Aquifolium
Common Holly
= 2.0m² / Four 10L plants
- S3

Viburnum Opulus
Guellder Rose
= 5.0m² / Twenty 2L Plants
- S2

Cytisus 'Zeelandia'
Cultivated Broom
= 1.5m² / Six 4L plants
- S4

Rosa Rugosa 'Alba'
Japanese Rose
= 1.5m² / Six 4L plants
- S5

Dryopteris Affinis
Golden Shield Fern
= 1.0m² / Two 5L plants
- S10

Persicaria Bistorta
Common Bistort
= 1.0m² / Eight 1L plants
- G3

Carex Pendula
Pendulous Sedge
= One 5L plant
- B1

Juncus Effusus
Common Rush
= 1.0m² / Four 5L plants
- B6

Deschampsia Cespitosa
Goldtau
- B2

Eupatorium Cannabinum
Hemp Agrimony
= 0.75m² / Three 5L plants
- B3

Filipendula Ulmaria
Meadow Sweet
= 0.25m² / Two 1L plants
- S6

Calluna Vulgaris
Heather
= 0.25m² / One 2L plant
- S9

Betonica Officinalis
Betony
= 0.25m² / Two 1L plants
- S7

Erica Carnea
Alpine Heath
= 0.25m² / Two 1L plants
- S8

Primula Vulgaris
Primrose
= 0.25m² / Two 1L plants
- B5

Rudbeckia Fulgida
Little Goldstar
= 0.25m² / Two 1L plants
- B4

Lythrum Salicaria
Purple Loosestrife
= 0.125m² / One 1L plant
- G4

Centaurea Cyanus
Cornflower
= One plug
- G5

Leucanthemum Vulgare
Ox-eye Daisy
= One plug
- T1

Betula Pendula
Silver Birch Trees
= One tree 3m in height

GENERAL NOTES

- This drawing is confidential and copyright and owned by WSP (Real Estate & Infrastructure) Ltd and is for use on this site only unless expressly stated otherwise.
 - Drawings are not to be used from the drawing. Dimensions and/or annotations within the drawing, between 1 and information given elsewhere, must be reported immediately to the architect for clarification before proceeding.
 - Oral instructions or representations of equipment on this drawing have been so indicated, but are not to be used as a basis for construction. All equipment shall be specified in the Bill of Materials and specifications as well as the drawings and specifications of other design documents, including structural drawings and building services equipment.
 - The architect shall be responsible for the drawing and shall be held responsible for a complete construction plan developed by the architect.
- HEALTH & SAFETY SYMBOL KEY**
- WARNING RISK**
Indicates a Residual Risk as a warning
 - COMPULSORY RISK**
Indicates a Residual Risk requiring a compulsory action
 - PROHIBITIVE RISK**
Indicates a Residual Risk requiring a prohibitive action
 - INFORMATION RISK**
Indicates a Residual Risk for information

P01 Issued for Stage 3

05/12/24

Rev Description (Client / Appr) Date

Status

S2 - For information and reference

Classification

Client

Merthyr Tydfil County Borough Council

Project

Merthyr Interchange Link

Drawing

Soft Landscaping Layout

Scale @ A4

Drawn EB Checked EB Approved MT

Project No

70121420

Date

19/08/2024

Drawing Identifier

MIL-ESA-XX-XX-DR-A-940001_P01

Quest House, Fortham Rd, St. Melons, Cardiff, CF3 0EY

info@esa-td.com

WSP (Real Estate & Infrastructure) Limited, Reg No. 12475960

esa

architecture

member of WSP

info@esa-td.com

WSP (Real Estate & Infrastructure) Limited, Reg No. 12475960