Trees						
Number	Abbreviation	Species	Height	Girth	Specification	Density
13	BETPEF	Betula pendula 'Fastigiata'	4.0-4.5m	14-16cm	EHS, RB	Counted
2	CAR FON	Carpinus betulus 'Frans Fontaine'	4.0-4.5m	14-16cm	EHS, RB	Counted
6	PRUBOUA	Prunus 'Sunset Boulevard'	4.0-4.5m	14-16cm	EHS, RB	Counted

C04

Shrubs					
Number	Species	Pot Size	Height	Specification	Density
137	Asplenium scolopendrium	3L		Full Pot: C	5/m²
119	Blechnum spicant	3L		Full Pot: C	5/m²
135	Buxus sempervirens	3L	20-30cm	Bushy: 5 brks: C	5/m²
252	Carex oshimensis 'Evergold'	3L		Full Pot: C	5/m²
138	Cornus sanguinea	3L	40-60cm	Branched: 4 brks: C	5/m²
140	Dryopteris filix-mas	3L		Full Pot: C	5/m²
163	Festuca glauca	3L		Full Pot: C	5/m²
155	Hebe 'Red Edge'	3L		Bushy; 5 breaks	5/m²
108	Helenium 'Moerheim Beauty'	3L		Full Pot: C	5/m²
66	Iris sibirica	3L		Full Pot: C	5/m²
292	Pachysandra terminalis	3L		Several Shoots: 9 brks: C	5/m²
214	Panicum virgatum 'Northwind'	3L		Full pot: C	5/m²
27	Pennisetum alopecuroides 'Hameln'	3L		Full Pot: C	5/m²
76	Persicaria affinis 'Darjeeling Red'	3L		Full Pot: C	5/m²
129	Polystichum setiferum	3L		Full Pot: C	5/m²
50	Sedum 'Herbstfreude'	3L		Full Pot: C	5/m²
251	Stipa tenuissima	3L		Full Pot: C	5/m²
72	Vinca minor	3L		Several Shoots: 3 brks: C	5/m²

Herbaceous					
Number	Abbreviation	Species	Specification	Pot Size	Density
58	HEUSA	Heuchera sanguinea	Full Pot	3L	5/m²

Climbers				
Number	Abbreviation	Species	Pot Size	Specification
54	H see	Hydrangea seemannii	5-7.5L	Caned: Several Shoots: 5 brks: C

Climbers to be planted 400mm away from edge of retaining wall

Grasses					
Number	Abbreviation	Species	Specification	Pot Size	Density
300	PAN MET	Panicum virgatum 'Heavy Metal'	Full Pot	3L	5/m²

Hedge Mix				
Number of Plants	Species	Height	Specification	Density
17	Cornus sanguinea	60-80cm	1+1: Transplant: Branched: 3 brks: B	0.8Ctr Double Staggered at 0.5m offset
17	Corylus avellana	80-100cm	1+2: Transplant: Branched: 4 brks: B	0.8Ctr Double Staggered at 0.5m offset
24	Prunus spinosa	40-60cm	Branched: 5 brks: C	0.8Ctr Double Staggered at 0.5m offset
9	Rosa arvensis	60-80cm	1+1: Transplant: Branched: 2 brks: B	0.8Ctr Double Staggered at 0.5m offset
17	Viburnum opulus	60-80cm	1+2: Transplant: Branched: 3 brks: B	0.8Ctr Double Staggered at 0.5m offset
76	Crataegus monogyna	60-80cm	1+1; Transplant; branched; 4 breaks	0.8Ctr Double Staggered at 0.5m offset

Whip tree planting for Pyrah Street embankment
-Whip planting: species to be at 2m spacing, staggered rows, with spiral tree rabbit guards
Betula pendula: barerrot, 80-105cm, 1+1 transplant
Crataegus monogna: barerrot, 100-125cm, 1+2 transplant
Prunus padus: barerrot, 80-105cm, 1+1 transplant



Betula Betula Betula Betula Betula Prunus Prunus

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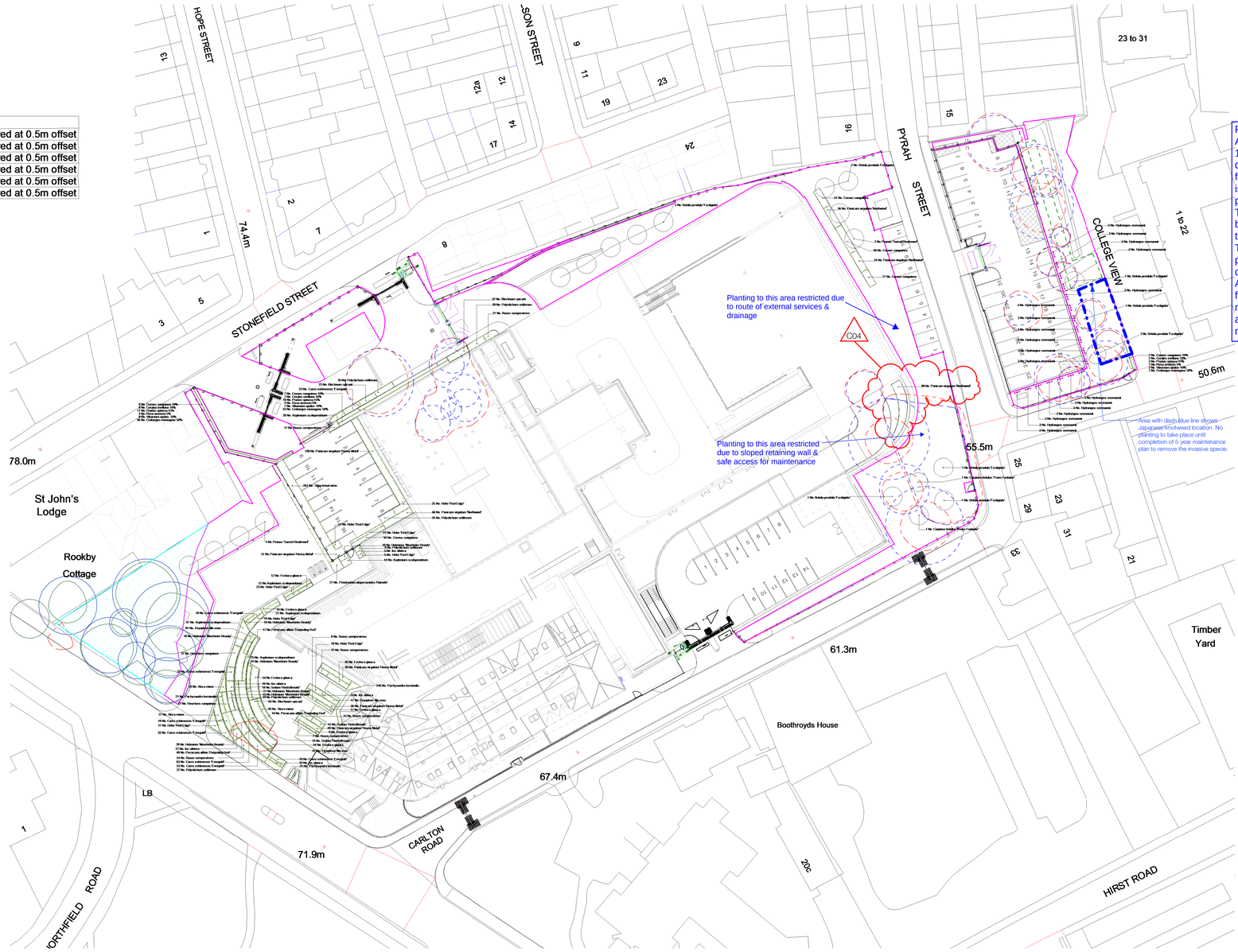
Betula Betula Betula Betula Betula Prunus Prunus

Existing grassland to be retained and enhanced to Ecologists report
Area = 457m2

Species Rich Grassland Mix as below
Area = 2779 m2

Flowering Plants		
Botanical Name	Common Name	%
Achillea millefolium	Yarrow	0.4
Centaurea nigra	Common Knapweed	0.5
Centaurea scabiosa	Greater Knapweed	1.5
Daucus carota	Wild Carrot	1
Echium vulgare	Viper's Bugloss	1.2
Eupatorium cannabinum	Hemp Agrimony	0.1
Galium verum	Lady's Bedstraw	1.2
Knautia arvensis	Field Scabious	1.5
Leontodon hispidus	Rough Hawkbit	0.4
Leucanthemum vulgare	Oxeye Daisy	1
Lotus corniculatus	Birdsfoot Trefoil	1
Malva moschata	Musk Mallow	0.5
Origanum vulgare	Wild Marjoram	0.1
Primula veris	Cowslip	0.5
Prunella vulgaris	Selfheal	2
Pulicaria dysenterica	Common Fleabane	0.1
Ranunculus acris	Meadow Buttercup	1.6
Reseda lutea	Wild Mignonette	0.4
Rhinanthus minor	Yellow Rattle	1.5
Silene dioica	Red Campion	1
Silene vulgaris	Bladder Campion	1
Trifolium pratense	Wild Red Clover	0.5
Vicia cracca	Tufted Vetch	1
	Total	**20**

Grasses		
Botanical Name	Common Name	%
Agrostis capillaris	Common Bent	10
Anthoxanthum odoratum	Sweet Vernal-grass (w)	1
Cynosurus cristatus	Crested Dogstail	32
Festuca ovina	Sheep's Fescue (w)	10
Festuca rubra	Slender-creeping Red-fescue	20
Phleum bertolonii	Smaller Cat's-tail (w)	6
Trisetum flavescens	Yellow Oat-grass (w)	1
	Total	**80**



Principal Designer MSCP Planter comments:
After reviewing the initial design which positioned the 1100mm planter tight to the balustrade, there was a distinct concern with how this could aid potential falls from height, as well as create further maintenance issues due to the inaccessible gap between the planter and balustrade.
The solution for this, is to sit the planter circa. 500mm behind the balustrade, tapering it at the south end so that it does not act as a step up over the balustrade. This would still maintain the intention of providing planting to the top of the retaining wall and deflecting car lights from neighbouring premises.
Access for non-roadside maintenance is to be gained from the MSCP. All activities completed by the maintenance contractor are subject to a risk assessment and method statement. Warning signage may be required.

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Scale Bar (m)

0 1 2 4 8

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Rev	Description	Drawn	Checked	Date
C04	Shape of planter to MSCP amended	AOL	SAY	18/04/23
C03	9no. Bollards added to south elevation of the MSCP and raised planter to MSCP entrance amended	AOL	SAY	13/04/23
C02	Tree planting number and specification amended to be fastigiate trees set 2m away from external fences, underground ducts and ret wall foundations. 4no trees behind disabled bays on Halifax Rd added. No tree planting behind parking spaces 1 to 11 on Pyrah St. Fence and hedge alignment to stone buttress wall amended. Raised planter added to MSCP entrance. Layout of ornamental planting to Halifax Rd amended to allow for direct access to main door and maintenance path around the Oldroyd building. Tree planting on Pyrah St car park amended to avoid area of japanese knotweed. Carlton Road pedestrian gate next to new 5 storey core amended to open inwards. Halifax Rd pedestrian gate from Oldroyd building amended to be double set of gates fixed to centre of existing pillars to reduce extent of protrusion	AOL	AOL	12/04/23
C01	Site plan updated and planting plan updated to suit revised areas	AOL	AOL	06/12/22
P9	Issued for Stage 4	ZLI	AOL	21/06/21
P8	Planting plan revised in line with revised site layout	ZLI	AOL	08/06/21
P7	Planting plan revised in line with revised site layout	AOL	SBL	08/04/21
P6	Planting plan revised to show additional trees and updated planting species	AOL	SBL	29/03/21
P5	Tree planting revised following comments from WYP and WD	AOL	SBL	23/03/21
P4	Area of species rich grassland revised, site plan updated following comments from civil engineers	AOL	SBL	09/03/21
P3	Issued for Stage 3	AHA	AOL	25/02/21
P2	Planting amended following ecologists comments	AHA	AOL	19/02/21
P1	First Issue	AHA	AOL	09/02/21

Suitability
Issued for Stage Approval

Project
6BKD1
Willmott Dixon

Drawing
Planting Plans

Drawing Number

Project ID	Originator	Zone	Level	Type	Role	Number
6BKD1	- RYD	- ZZ	- XX	- DR	- L	- 70000

Project Number	Scale at A1	Status	Revision
3273-01	As indicated	S4	C04

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