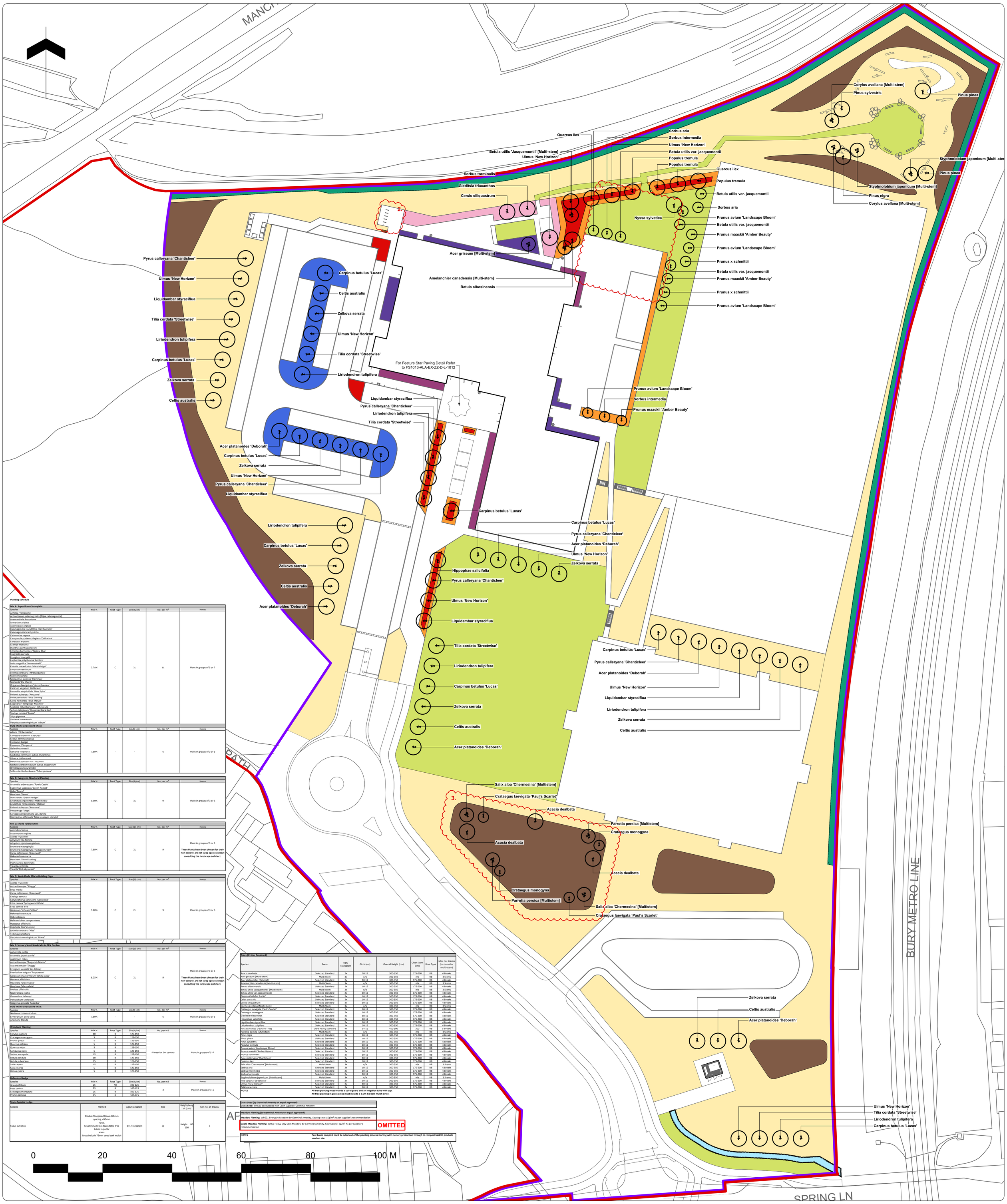

Planting Schedule

Mix A: Superbloom Sunny Mix					
Species	Mix %	Root Type	Size (L/cm)	No. per m²	Notes
Achillea 'Terracotta'					
Achnatherum calamagrostis (Stipa calamagrostis)					
Anemanthele lessoniana					
Armeria maritima					
Aster novae-angliae					
Calamagrostis × acutiflora 'Karl Foerster'					
Calamagrostis brachytricha					
Calamintha nepeta					
Campanula portenschlagiana 'Catharina'					
Coreopsis tripteris					
Crambe maritima					
Dianthus carthusianorum					
Echinops bannaticus 'Taplow Blue'					
Eragrostis curvula					
Eryngium bourgatii					
Euphorbia polychroma 'Bonfire'					
Inula magnifica 'Sonnenstrahl'					
Knautia macedonica 'Mars Midget'	2.78%	C	2L	11	Plant in groups of 5 or 7
Limonium latifolium					
Lychnis coronaria 'Atrosanguinea'					
Malva moschata					
Misicanthus sinensis 'Flamingo'					
Monarda 'Ou Charm'					
Origanum laevigatum 'Herrenhausen'					
Panicum virgatum 'Rehbraun'					
Perovskia atriplicifolia 'Blue Spire'					
Phlomis tuberosa 'Amazone'					
Phlox paniculata 'Blue Evening'					
Salvia nemorosa 'Blue Marvel'					
Saponaria × lempergii 'Max Frei'					
Scabiosa columbaria var. ochroleuca					
Sedum telephium 'Munstead Dark Red'					
Stachys monieri 'Rosea'					
Stipa gigantea					
Verbena bonariensis					
Veronicastrum virginicum 'Album'					

Bulb Mix to underplant Mix A					
Species	Mix %	Root Type	Grade (cm)	No. per m²	Notes
Allium 'Globemaster'					
Camassia leichtlinii 'Caerulea'					
Crocus tommasinianus					
Eremurus bungei					
Eremurus 'Cleopatra'					
Galanthus elwesii					
Galtonia viridiflora	7.69%	-	-	6	Plant in groups of 3 or 5
Gladiolus communis subsp. Byzantinus					
Allium × dalhansoii					
Narcissus poeticus var. recurvus					
Nectaroscordum siculum subsp. Bulgaricum					
Ornithogalum pyramidale					
Scilla mischtschenkoana 'Tubergeniana'					

Mix B: Evergreen Structural Planting					
Species	Mix %	Root Type	Size (L/cm)	No. per m²	Notes
Artemisia arborescens 'Powis Castle'					
Euonymus japonicus 'Green Rocket'					
Hebe 'Pascal'					
Heuchera 'Venus'					
Ilex crenata 'Green Hedger'					
Lavandula angustifolia 'Arctic Snow'	9.10%	C	3L	9	Plant in groups of 3 or 5
Leucothoe fontanesiana 'Makijaz'					
Phlomis tuberosa 'Amazone'					
Pinus mugo 'Mops'					
Sarcococca hookeriana var. digyna					
Rosmarinus officinalis 'Miss Jessopp's Upright'					

Mix C: Shade Tolerant Mix					
Species	Mix %	Root Type	Size (L/ cm)	No. per m²	Notes
Aster divaricatus					
Aster novae-angliae					
Astilbe 'Hyacinth'					
Athyrium filix-femina					
Athyrium nipponicum pictum					Plant in groups of 3 or 5
Brunnera macrophylla					
Brunnera macrophylla 'Hadspen Cream'	7.69%	C	2L	9	**These Plants have been chosen for their non-toxicity. Do not swap species without consulting the landscape architect.**
Carex oshimensis 'Greenwell'					
Hakonechloa macra					
Heuchera 'Plum Pudding'					
Pachysandra terminalis					
Tiarella cordifolia					
Tiarella 'Pink skyrocket'					

Mix D: Semi-Shade Mix to Building Edge					
Species	Mix %	Root Type	Size (L/ cm)	No. per m²	Notes
Astilbe 'Hyacinth'					
Astrantia major 'Shaggy'					
Briza media					
Carex oshimensis 'Greenwell'					
Choisya ternata					
Corynephorus canescens 'Spiky Blue'					
Erica carnea 'Springwood White'					
Erica carnea 'Eva'					
Geranium 'Johnson's Blue'	5.88%	C	2L	9	Plant in groups of 3 or 5
Hakonechloa macra					
Hebe albicans					
Helictotrichon sempervirens					
Hyssopus officinalis					
Kniphofia 'Bee's Lemon'					
Lychnis coronaria 'Alba'					
Tellima grandiflora					
Veronicastrum virginicum 'Diane'					

Mix E: Sensory Semi-Shade Mix to SEN Garden					
Species	Mix %	Root Type	Size (L/ cm)	No. per m²	Notes
Alchemilla mollis					
Artemisia 'powis castle'					
Asplenium ridus					
Astrantia major 'Burgundy Manor'					
Astrantia major 'Shaggy'					
Eryngium x zabelii 'Jos Eijking'					Plant in groups of 3 or 5
Foeniculum vulgare 'Purpureum'					
Geranium macrorrhizum 'White-ness'	6.25%	C	2L	9	**These Plants have been chosen for their non-toxicity. Do not swap species without consulting the landscape architect.**
Hemerocallis fulva					
Heuchera 'Green Spice'					
Heuchera 'Marmalade'					
Melissa officinalis					
Nepht=olepis exalta					
Osmanthus delavayi					
Polystichum setiferum					
Rodgersia pinnata 'Superba'					

Bulb Mix to underplant Mix E					
Species	Mix %	Root Type	Grade (cm)	No. per m²	Notes
Nectaroscordum siculum					
Erythronium dens-canis	7.69%	-	-	6	Plant in groups of 3 or 5
Anemone blanda					

Woodland Planting					
Species	Mix %	Root Type	Size (L/cm)	No. per m2	Notes
Corylus avellana	10	B	125-150		
Crataegus monogyna	5	B	125-150		
Prunus padus	5	B	125-150		
Quercus petraea	5	B	125-150		
Quercus robur	5	B	125-150		
Sambucus nigra	5	B	125-150		
Sorbus aucuparia	15	B	125-150	Planted at 2m centres	Plant in groups of 5 -7
Betula pendula	10	B	125-150		
Betula pubescens	15	B	125-150		
Salix caprea	15	B	125-150		
Salix cinerea	5	B	125-150		
Ulmus glabra	5	B	125-150		

Defensive Hedge					
Species	Mix %	Root Type	Size (L/cm)	No. per m2	Notes
Ilex aquifolium	25	RB	100-125		
Rosa canina	25	B	100-125	4	Plant in groups of 3 -5
Crataegus monogyna	25	B	100-125		
Prunus spinosa	25	B	100-125		

Single Species Hedge					
Species	Planted	Age/Transplant	Size	Height/Length (cm)	Min no. of Breaks
Fagus sylvatica	Double Staggered Rows 450mm spacing, 450mm rows. Must include bio-degradable tree tubes in public areas. Must include 75mm deep bark mulch	1+1 Transplant	5L	Height 80-100	5

Trees (111no. Proposed)							
Species	Form	Age/ Transplant	Girth (cm)	Overall Height (cm)	Clear Stem (cm)	Root Type	Min. no. breaks (or stems for multi-stem)
Acacia dealbata	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Acer griseum [Multi-stem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Acer platanoides 'Deborah'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Amelanchier canadensis [Multi-stem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Betula albosinensis	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Betula utilis 'Jacquemontii' [Multi-stem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Betula utilis var. jacquemontii	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Carpinus betulus 'Lucas'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Celtis australis	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Cercis siliquastrum	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Corylus avellana [Multi-stem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Crataegus laevigata 'Paul's Scarlet'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Crataegus monogyna	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Gleditsia triacanthos	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Hippophae salicifolia	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Liquidambar styraciflua	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Liriodendron tulipifera	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Nyssa sylvatica (Feature Tree)	Extra Heavy Standard	4x	14-16	450-500	200	RB	5 Breaks
Parrotia persica [Multistem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Pinus nigra	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Pinus pinea	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Pinus sylvestris	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Populus tremula	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Prunus avium 'Landscape Bloom'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Prunus maackii 'Amber Beauty'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Prunus x schmittii	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Pyrus calleryana 'Chanticleer'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Quercus ilex	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Salix alba 'Chermesina' [Multistem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Sorbus aria	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Sorbus intermedia	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Sorbus torminalis	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Styphnolobium japonicum [Multistem]	Multi-Stem	3x	n/a	300-350	n/a	RB	3 Stems
Tilia cordata 'Streetwise'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Ulmus 'New Horizon'	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
Zelkova serrata	Selected Standard	2x	10-12	300-350	175-200	RB	4 Breaks
NOTES	**All tree planting must include a spiral guard and an irrigation tube with cap. All tree planting in grass areas must include a 1.5m dia bark mulch circle.**						

Grass Seed (by Germinal Amenity or equal approved)
Grass Seed: WFG20 Eco Species Rich Lawn Supplier: Germinal Amenity

Meadow Planting (by Germinal Amenity or equal approved)
Meadow Planting: WFG21 Everyday Meadow by Germinal Amenity. Sowing rate: 15g/m² As per supplier's recommendation
Swale Meadow Planting: WFG6 Heavy Clay Soils Meadow by Germinal Amenity. Sowing rate: 5g/m² As per supplier's recommendation **OMITTED**

NOTES	
	Peat based compost must be ruled out of the planting process starting with nursery production through to compost backfill products used on site.

Note

1. Do not scale from this drawing
2. To be read in conjunction with Project Risk Register REF: FS1013-ALA-EX-XX-RR-L-00001
3. To be read in conjunction with all other Landscape Architect's drawings
4. To be read in conjunction with Outline Landscape Specification REF: FS1013-ALA-EX-XX-SP-L-0001

ID	RISK	MITIGATION	DATE MITIGATED
1	Drowning in dry retention basin	2.4m fencing. End user access restricted. Basin to be 600mm deep. Basin is dry except during a stormwater event. Warning sign.	31.07.23
2	Falling on stairs while accessing sport pitches	Stairway is 2m wide. Hand rails provided at standard widths.	31.07.23
3	Collision between pedestrians and vehicles accessing accessible parking bays	School to manage vehicle speed. Bollards added to bays.	31.07.23
4	Collision between pedestrians and vehicles in car park.	Landscape features to stop vehicles from leaving the roads and parking areas. Road markings to clearly denote parking.	31.07.23
5	Collision between pedestrians and cyclist accessing cycle storage facilities	5m wide pedestrian / cycle approach. School to manage speed on site. Clear wayfinding.	31.07.23
6	Coming into contact with underground utilities and services.	Tree pits to be located outside easement areas. Woodland planting also outside of easement areasgrass/meadow seed only.	31.07.23
7	Falling from height - 1:3 grassed bank to east of sports hall	Grassed banks designed to be to a gradient of max 1:3. 1.1m post and rail timber fencing introduced.	31.07.23
8	Collision between pedestrians and open windows	Green buffers to window openings	31.07.23

RESIDUAL PROJECT RISKS

KEY

Site

- Planning Application Boundary
- Extent of Works
- Proposed Building
- Existing Tree Retained

Planting

Details refer to Planting Plan

- Proposed Tree — *Refer to Schedule*
- Proposed Multi-stem Tree — *Refer to Schedule*
- Grass Seed — *Refer to Schedule*
- Meadow Planting — *Refer to Schedule*
- Swale Meadow Planting **OMITTED** — *Refer to Schedule*
- Woodland Planting — *Refer to Schedule*
- Amenity Planting **MIX A** — *Refer to Schedule*
- Amenity Planting **MIX B** — *Refer to Schedule*
- Amenity Planting **MIX C** — *Refer to Schedule*
- Amenity Planting **MIX D** — *Refer to Schedule*
- Amenity Planting **MIX E** — *Refer to Schedule*
- Hedge Planting — *Refer to Schedule*
- Defensive Hedge Planting — *Refer to Schedule*

DfE DESIGN DELIVERABLE REF :

150

DATE	REV	DESCRIPTION OF REVISION	DRAWN BY	APPROVED BY
03/09/2025	P10	1. Tree within star seating relocated north. 2. Minor adjustment in planting layout in line with gas bottle storage updated plans. 3. Swale Planting replaced with Woodland planting on the new mound proposal.	CH	BS
30/04/2025	C02	Revised for Construction	CH	BS
16/04/2025	P09	Re-issued for planning	LS	BS
19/02/2025	C01	Issued for construction. Hedge to substation amended.	BS	-

REVISIONS

STATUS :

S2 - *For Planning*

ares LANDSCAPE ARCHITECTS

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CLIENT :

Morgan Sindall

PROJECT TITLE :

Star Radcliffe Academy, Bury

DRAWING TITLE :

Planting Plan

DRAWING SCALE :	DRAWN BY :	DRAWN DATE :
1:500	PH	06/07/2023
PAPER SIZE :	APPROVED BY :	ALA PROJECT CODE:
A1	BS	ALA805

DRAWING NUMBER :	STATUS :	REVISION :
FS1013-ALA-EX-ZZ-D-L-0010	S2	P10