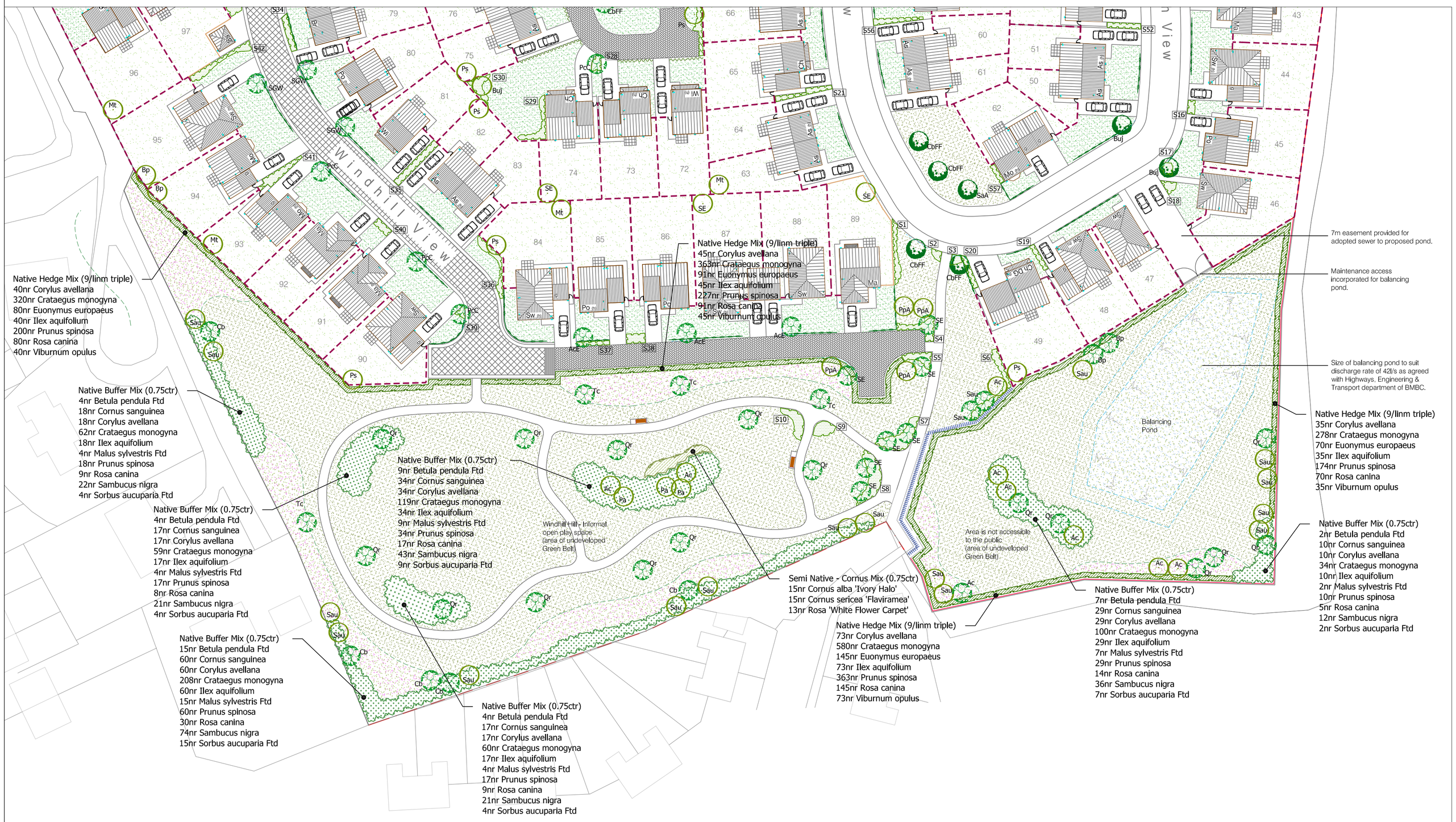
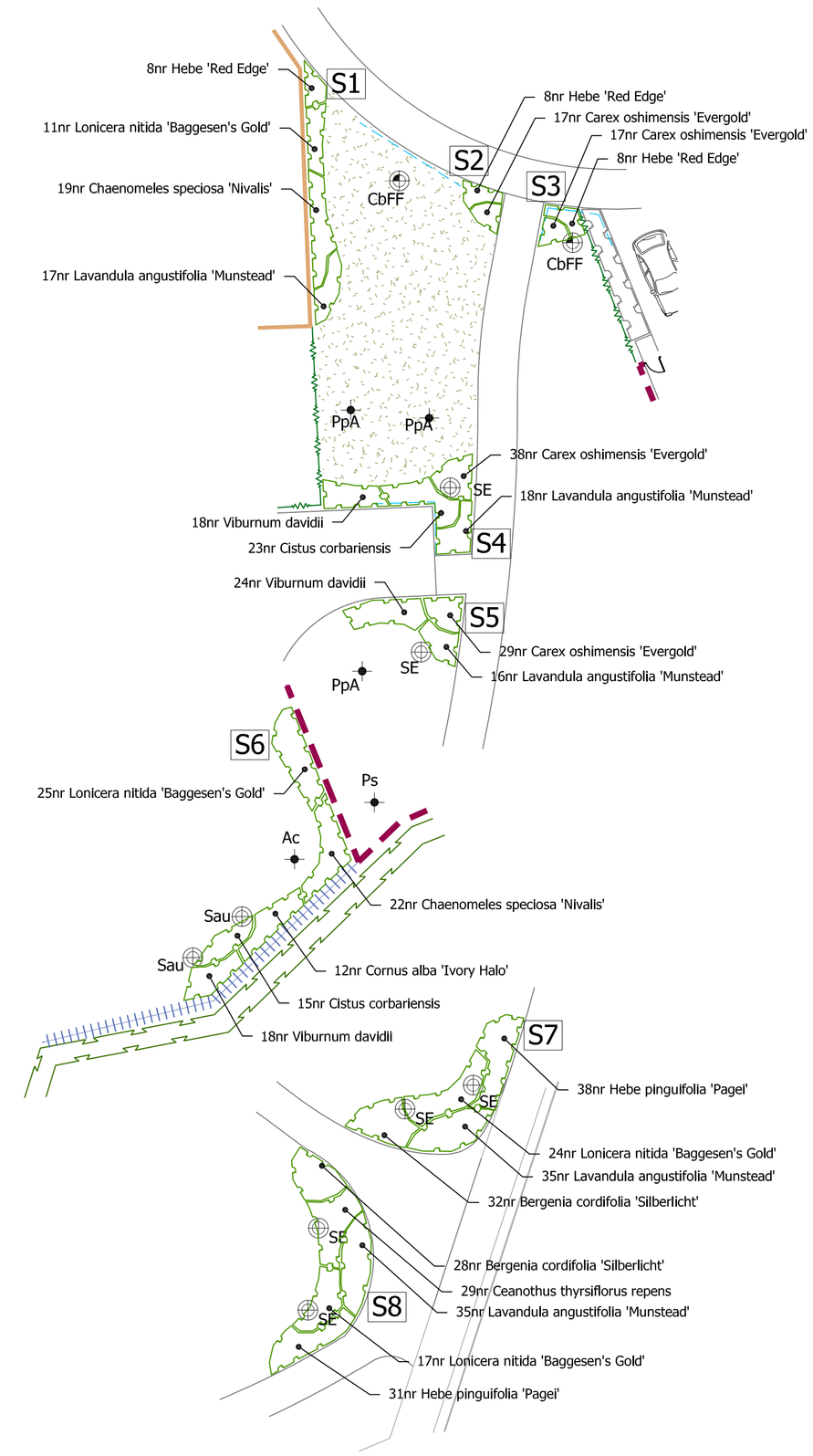
1:500 SOUTHERN POS



1:200 SOUTHERN POS - ORNAMENTAL PLANTING DETAILS



KEY

- Existing trees, hedges and vegetation to be retained
- Proposed Extra heavy standard (14-16cm girth) tree
- Proposed heavy standard (12-14cm girth) tree
- Proposed selected standard (10-12cm girth) tree
- Proposed native hedge
- Proposed mixed native species tree & shrub planting
- Proposed semi ornamental shrub planting
- Proposed ornamental shrub planting
- Proposed amenity grass seed
- Proposed wet land species (e.g Germinal RE3 River Floodplain/ Water Meadow MG8 Grassland)
- Proposed wildflower (e.g Germinal WFG2 Flowering Meadow Mix)
- Proposed 1800mm high timber close boarded fence (detailed by others)
- Proposed 1000mm deep root barrier such as ReRoot 1000 by GreenBlu Urban or similar approved
- Proposed 1200mm high metal railing (detailed by others)

PLANTING SCHEDULES

ORNAMENTAL SCHEDULE

ORNAMENTAL PLANTING SCHEDULE				
Herbaceous				
Nr	Name	Ht in cm	Pot(L)	Density
60	Bergenia cordifolia 'Silberlicht'		3L	6.00
101	Carex oshimensis 'Evergold'		3L	11.00
Shrub				
Nr	Name	Ht in cm	Pot(L)	Density
29	Ceanothus thyrsiflorus repens	30-40cm	3L	5.00
41	Chaenomeles speciosa 'Nivalis'	50-60cm	3L	4.00
12	Choisya ternata 'Sundance'	30-40cm	3L	4.00
38	Cistus corbariensis	30-40cm	3L	5.00
12	Cornus alba 'Ivory Halo'	40-60cm	3L	3.00
106	Hebe pinguifolia 'Pagei'	20-30cm(D)	3L	6.00
24	Hebe 'Red Edge'	25-30cm	3L	5.00
166	Lavandula angustifolia 'Munstead'	25-30cm	3L	6.00
77	Lonicera nitida 'Baggesen's Gold'	30-40cm	3L	4.00
18	Skimmia japonica 'Rubella'	30-40cm	3L	4.00
9	Spiraea japonica 'Goldflame'	30-40cm	3L	4.00
60	Viburnum davidii	25-30cm	3L	5.00

SEMI NATIVE ORNAMENTAL SCHEDULE

SEMI NATIVE SHRUB MIX					
Nr	Name	Height/cm	Age	Root	Pot/L
15	Cornus alba 'Ivory Halo'	60-80cm	2x	C	3L
15	Cornus sericea 'Flaviramea'	60-90cm		C	3L
13	Rosa 'White Flower Carpet'	30-40cm	2x	C	3L

All shrub material shall be first quality, sturdy, well rooted non-refridgerated stock with well branched heads and fibrous root systems. Shrubs shall be planted into 450mm good quality fibrous topsoil (To BS BS3882:2015) incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice.
All plant material shall be a minimum of 3L pot size unless otherwise specified and conform to BS3936 Part 1 and BS 4428. Finished beds shall be lightly forked over and dressed with 50mm coarse forest bark mulch.

NATIVE SPECIES SCHEDULES

NATIVE HEDGE

NATIVE HEDGE SCHEDULE					
Nr	Name	Height/cm	Age	Root	Pol/L
193	Corylus avellana	40-60cm	1+1	B	
1541	Crataegus monogyna	40-60cm	1+1	B	
386	Euonymus europaeus	40-60cm	1+1	B	
193	Ilex aquifolium	40-60cm		C	3L
964	Prunus spinosa	40-60cm	1+1	B	
386	Rosa canina	30-40cm	1+1	B	
193	Viburnum opulus	40-60cm	1+1	B	

Native hedge plants to be planted in a triple staggered row at 9/linm in rows 400mm apart. Plants to be notch planted into prepared ground and fitted with a hedge shelter fixed to a stake. Finished hedge line to be mulched with 50mm depth of coarse forest bark mulch.

NATIVE BUFFER MIX SCHEDULE					
Nr	Name	Height/cm	Root	Age	Pot/L
45	Betula pendula Ftd	125-150cm	B		
185	Cornus sanguinea	40-60cm	B	1+1 or 1/1	
185	Corylus avellana	40-60cm	B	1+1 or 1/1	
642	Crataegus monogyna	40-60cm	B	1+1 or 1/1	
185	Ilex aquifolium	60-80cm	C		3L
45	Malus sylvestris Ftd	175-200cm	B		
185	Prunus spinosa	40-60cm	B	1+1 or 1/1	
92	Rosa canina	30-40cm	B		
229	Sambucus nigra	40-60cm	B	1+1 or 1/1	
45	Sorbus aucuparia Ftd	125-150cm	B		

Native species shall be planted into 300mm depth, good quality clean topsoil incorporating organic compost and slow release fertiliser, over un-compacted sub-soil. Prior to planting all bareroot plant stock shall be dipped into a suitable mychorrizal plant dip in accordance with the manufacturers recommendations. Plants shall be planted in groups of 3-11 of a single species with the taller growing species to the back of the areas and the lower growing species to the edges of the areas. Planted areas to be mulched after planting with coarse grade forest mulch to a uniform depth of 50mm. Photodegradable or biodegradable mulch mats to be used. Plants to be fitted with rabbit guards.

TREE SCHEDULE

SPECIES	Ht in m / Girth in cm	NUMBERS REQUIRED 3.0-3.5 / 10-12	3.5-4.25 / 12-14	4.25 min / 14-16
Acer campestre (Ac)		7	1	-
Betula pendula (Bp)		5	2	-
Carpinus betulus (Cb)		-	5	-
Carpinus betulus 'Fastigiata'		-	-	2
Prunus avium (Pa)		3	-	-
Prunus padus 'Albertii' (PpA)		4	-	-
Quercus robur (Qr)		-	16	-
Sobus aucuparia (Sau)		16	2	-
Sorbus 'Embley' (SE)		-	7	-
Tilia cordata (Tc)		-	4	-

All trees to have clear stems to 1.8m above ground level and 2.0m above ground level for extra heavy standard trees with well developed branching heads with a single, central leader and healthy, fibrous root systems.
Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil:compost mix and shall be secured to a machine rounded stake using 1 no. tree tie with rubber spacer. Finished height of stake shall not exceed 1/3 height of staked tree above ground. Foundation design of new buildings shall accommodate proposed tree planting in accordance with NHBC guidelines.

GRASS SEEDING

SPECIES RICH AMENITY GRASS

150mm depth of topsoil complying with BS3882:2015 to be spread to area.
Pre-seed fertiliser to be applied at 50gm/m². Soil to be cultivated using a disc harrow or rotovator, to 50mm depth then further cultivated and rolled to produce a firm seed bed.
Low maintenance grass seed mix such as Emorsgate Flowering Lawn Mix EL1 mix to be at suppliers recommended rates to all areas marked as species rich amenity grass on the plan above.

MEADOW GRASS

2 types of meadow grass will be established within the POS area. The areas will be spread with a good quality sub-soil or poor topsoil with a low fertility. Fertiliser should not be applied.
General Meadow mix such as Emorsgate EM1 Mix will form an edge to the native shrub and tree planting and will be sown into prepared ground at the suppliers recommended rates.
The base of the SUDS basin will be sown with a wet meadow mix such as Emorsgate EG8 at the suppliers recommended rates.

Rev.A: Additional paths in POS and minor changes to planting (SF) July 2021

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project: Residential Development
WILLOWGARTH FORMER SCHOOL SITE , Brierley

drawing title: POS DETAILS

scale	date	drwn by	drawing no
1:500/ 1:200@A1	June 21	SF	R/2045/9A