

TOPSOIL CULTIVATION In accordance with BS 3882. Apply glyphosate to existing vegetation prior cultivation and allow the recommended period before further action. Ensure ground is free draining by breaking up subsoil and installation of land drainage as required. Do not work the soil in frozen or waterlogged condition. Remove any debris and stones greater than 50mm from surface and cultivate to suitable till for planting. Rake surface to achieve required level flush with adjacent paving for turf and 50mm below for planting to allow for mulch layer and smooth flowing contours for open space areas without hollows or soft areas. Topsoil depths to be minimum 150mm for grass and 450mm for planting and at least 300mm of suitable subsoil beneath the topsoil layer. Site topsoil to be supplemented with imported topsoil in accordance with BS 3882. Shrub beds in grass areas to be neatly cut to layout shown.

PLANTING Plant material shall conform to the National Plant Specification and be healthy, vigorous specimens, well rooted but not pot bound, free from pests and disease, harty and undamaged by transport operations in accordance with HTA "handling and establishing landscape plants". Planting and turling to be in accordance with BS 3936 and 4428. Plant species substitutes will be permitted to accommodate availability and to include stock of particular good quality in nursery provided these are of a similar habit, size, colour, value etc and that they are **approved in advance** by the Landscape Architect. Native species to be local provenance. Bare root and rootballed plants to be planted between November and March. Backfill of planting holes and tree pits to be excavated topsoil with 25% by volume tree and shrub planting compost. Shrub pits to be generally 300 x 300 x 300mm or 75mm wider and deeper than the root spread. Tree pits to be 500 x 500 x 600mm or 150mm wider than the root spread. Stakes to be two 75mm diameter pointed stakes driven until firm and trimmed to 900mm above G.L. with 50 x 100mm crossbar screwed to stakes. Rubber tree cushion nailed to crossbar and rubber tree belting nailed to secure tree. Single 75mm diameter stake for bare-rooted trees with rubber tree belting with spacer. Apply slow release fertiliser (16:10:10) at rate of 100g/ sq.m. to planting areas and 250g per tree. Thoroughly water planting.

PLANTING DENSITIES/SETTING OUT Refer to the Planting Schedule for densities. Where a bed is indicated as mixed species on the plan, the area should be divided equally between the species shown and the relevant density for that species applied to that proportion of the bed. Taller species to the rear of the bed and smaller species to the front planted in bold groups of single species and not mixtures unless clearly requested on the plan annotations.

TREE RABBIT GUARDS If rabbit activity is noted in the area and guarding is authorised each bare-rooted native plant hedge plant to receive a 12/14 weight 900mm cane and 60cm clear spiral guard. Trees to receive 90cm spiral guard. If extensive rabbit activity is observed rabbit fencing to ornamental areas will be required as directed by the Landscape Architect.

MULCH Spread 50mm layer of general purpose bark mulch, free from large sticks, and debris over all shrub areas, 800mm wide strips for hedging and 800mm diameter circles for tree pits in grass with neatly trimmed edge.

TURFING Following cultivation preparation specified above supply and lay Rolawn Hallelipse turf or similar approved with staggered joints close butted to uniform levels to finish 25mm above adjacent paving levels once well tamped down. Use sharp sand spread on surface to achieve fine tuning of levels. Thoroughly soak turf on completion and ensure regular watering is arranged until the turf has rooted. Do not turf in waterlogged or frozen conditions.

SEEDING AMENITY GRASS. Following cultivation preparation specified above apply Cropwise low maintenance amenity mix or similar approved at a rate of 35gms/ sq.m. and roll with quail or hand drawn ballast grass roller. Apply water with sprinkler hose in dry conditions to ensure germination. Levels to be flush with adjacent paving following firming and settlement of topsoil. Further stone-picking, top-dressing and re-seeding of bare patches to ensure uniform, level grass is established. Re-roll as required at first cut stage.

SEEDING WILDFLOWER GRASS. Preparation as for amenity grass followed by sowing Boston Seeds mixes at 5 gms/ sq.m. in accordance with suppliers recommendations between March and September and roll. Mix BS6M to wetland and ensure regular watering is arranged until the turf has rooted. Do not turf in waterlogged or frozen conditions.

LANDSCAPE MAINTENANCE. Any plants which fail within 5 years to be replaced in the season following failure to the original specification. Check and adjust stakes and ties every month, and remove stakes in year 5 when trees are suitably stable. Prune trees and shrubs once each year - formative prune to encourage good habit. Apply fertiliser once in Spring each year to grass 40gms/ sq.m. Apply fertiliser once in Spring each year to shrubs 20gms/ sq.m. - Osmocote slow release. Top up bark mulch to 50mm depth annually. Check for pests and diseases - treat as required. Water as required all landscape areas. Mow grass 16 times annually and remove arisings, trim edges. Apply selective herbicide and moss killer to grass as required. Re-seed, top dress and aerate lawns as required to maintain grass in good condition. Cut and rake off wildflower grass twice annually. Collect litter from all landscape areas monthly. Apply Glyphosate herbicide to hard paved areas as required.

MIX 1 (Woodland)				
Plant name	Common name	% in mix	2500 stems/ Ha	0.25/ sq.m.
Quercus petraea	Sessile Oak	0.16	20	40000m bare root
Corylus avellana	Hazel	0.10	17	40000m bare root
Betula pendula	Silver Birch	0.10	13	40000m bare root
Sorbus aucuparia	Rowan	0.10	13	40000m bare root
Ilex aquifolium	Holly	0.10	13	30/40m in C2 container
Pinus sylvestris	Scots Pine	0.04	4	30/40m in C2 container
Crataegus monogyna	Hawthorn	0.04	4	40000m bare root
Acer platanoides	Norway Maple	0.04	4	40000m bare root
Populus tremula	Aspen	0.04	4	40000m bare root
Prunus padus	Bird Cherry	0.04	4	40000m bare root
Prunus avium	Guin	0.04	4	40000m bare root
Fagus sylvatica	Beech	0.02	2	40000m bare root
Sorbus aria	Whitebeam	0.02	2	40000m bare root
Tilia cordata	Small Leaved Lime	0.02	2	40000m bare root
Ulmus glabra	Witch Elm	0.02	2	40000m bare root
Viburnum opulus	Guelder Rose	0.02	2	40000m bare root
Total				

MIX 2 (Woodland Edge)				
Plant name	Common name	% in mix	5000 stems/ Ha	0.5/ sq.m.
Crataegus monogyna	Hawthorn	0.25	24	40000m bare root
Corylus avellana	Hazel	0.25	34	40000m bare root
Sorbus aucuparia	Rowan	0.12	15	40000m bare root
Ilex aquifolium	Holly	0.10	13	30/40m in C2 container
Acer campestre	Field Maple	0.10	13	40000m bare root
Prunus padus	Bird Cherry	0.10	12	40000m bare root
Sambucus nigra	Elder	0.03	4	40000m bare root
Viburnum opulus	Guelder Rose	0.03	4	40000m bare root
Taxus baccata	Yew	0.02	3	30/40m in C2 container
Total				

HEDGES:			
S/ linear metre average	Key		
Ilex aquifolium	Holly	IAH	60/80m bushy form in C2 container

HEDGE: Species rich native mix			
S/ linear metre	NH		

Plant name	Common name	% in mix	
Crataegus monogyna	Hawthorn	0.60	40000m bare root
Prunus spinosa	Blackthorn	0.10	40000m bare root
Ilex aquifolium	Holly	0.10	30/40m in C2 container
Corylus avellana	Hazel	0.09	40000m bare root
Rosa canina	Dog Rose	0.05	40000m bare root
Lonicera periclymenum	Honeysuckle	0.02	30/40m in C2 container
Sambucus nigra	Elder	0.02	40000m bare root
Viburnum opulus	Guelder Rose	0.02	40000m bare root
Total		1.00	

BULBS			
Hyacinthoides non-scripta	Blue Bells	BB	60/bulbs 200 sq.m.
Galeata vivida	Snow Drops	SD	50/bulbs 200 sq.m.
Narcissus pseudonarcissus	Daffodils	D	50/25bulbs 50 sq.m.

WOODLAND FLOOR PERENNIALS			
Anemone nemorosa	AN		9-cm plugs 8/ sq.m.

TREES			
	Number		
Quercus petraea	QP	28	8-10cm notional
Betula pendula	BP	20	8-10cm notional
Sorbus aucuparia	SA	12	8-10cm notional
Pinus sylvestris	PS	13	30/40m in C2 container
Crataegus monogyna	CM	5	2-2.5m bare root
Prunus padus	PP	15	2-2.5m bare root
Prunus avium	PA	12	8-10cm notional
Acer platanoides	AP	15	8-10cm notional
Tilia cordata	TC	3	8-10cm notional

SPECIMEN SHRUBS			
Amelanchier lamarckii	AL	C15	
Syringa vulgaris	SV	C15	
Phormium tenax	PS	C15	
Acer japonicum dissectum	AJ	C15	

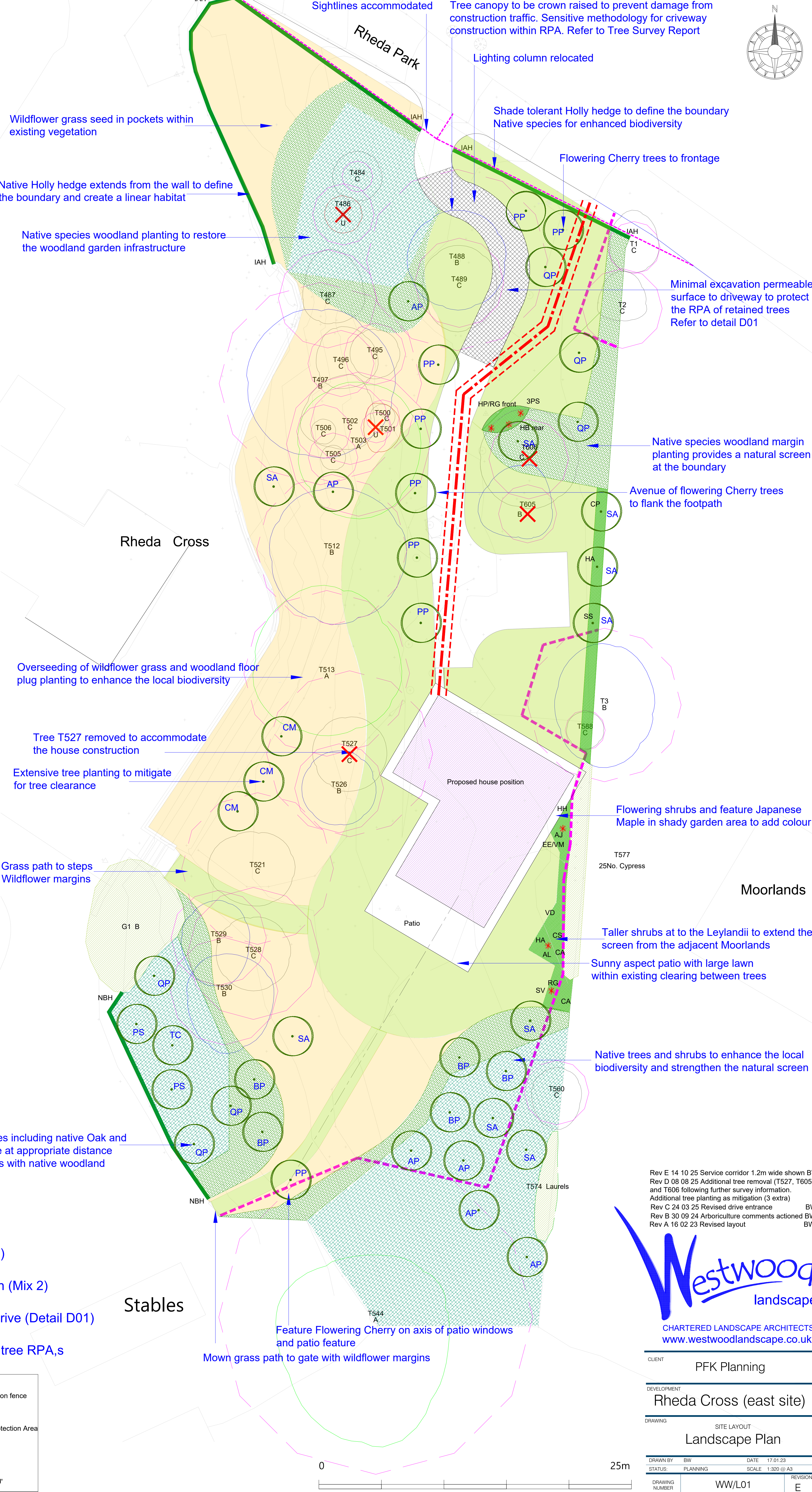
SHRUBS			
	No. / sq.m.	Specification	
Asclepias japonica	AB	3 C3 30-40m	
Begonia cordifolia	BC	5 C2 20-30m	
Cornus alba Elegansolima	CA	3 C2 20-30m	
Celastrus scandens	CS	3 C2 20-30m	
Cytisus praecox All Gold	CP	3 C3 30-40m	
Euonymus emerald Galaxy	EE	4 C2 20-30m	
Geranium Johnsons Blue	GB	6 C2 20-30m	
Helleborus viridis	HB	3 C3 30-40m	
Helleborus viridis	HB	3 C3 30-40m	
Helleborus viridis	HB	3 C3 30-40m	
Heuchera Palace Purple	HP	6 C2 20-30m	
Hypericum Hidzote	HH	4 C2 20-30m	
Potentilla Goldfinger	PG	4 C2 20-30m	
Rhododendron Pink Pearl	RP	2 C3 30-40m	
Rubus Dicksonii	RD	6 C2 20-30m	
Senecio Sunshine	SS	3 C2 20-30m	
Vinca minor Atropurpurea	VM	6 C2 20-30m	
Viburnum davidii	VD	3 C3 30-40m	

LEGEND

- Existing tree group
- Proposed hedge
- Proposed tree
- Specimen shrub
- Proposed grass
- Proposed shrubs
- Wild flower grass
- Proposed native woodland (Mix 1)
- Proposed native woodland margin (Mix 2)
- Proposed permeable surface to drive (Detail D01)
- Proposed services route to avoid tree RPA,s

Tree Survey Key

- Tree to be removed
- Tree protection fence
- Crown Spread
- Root Protection Area
- Category 'A'
- Category 'B'
- Category 'C'
- Category 'U'



Rev E 14 10 25 Service corridor 1.2m wide shown BW
Rev D 08 08 25 Additional tree removal (T527, T605 and T606 following further survey information. Additional tree planting as mitigation (3 extra)
Rev C 24 03 25 Revised drive entrance BW
Rev B 30 09 24 Arboriculture comments actioned BW
Rev A 16 02 23 Revised layout BW

Westwood landscape
CHARTERED LANDSCAPE ARCHITECTS
www.westwoodlandscape.co.uk

CLIENT		PFK Planning	
DEVELOPMENT		Rheda Cross (east site)	
DRAWING		SITE LAYOUT Landscape Plan	
DRAWN BY	BW	DATE	17.01.23
STATUS:	PLANNING	SCALE	1:320 @ A3
DRAWING NUMBER	WW/L01	REVISION	E