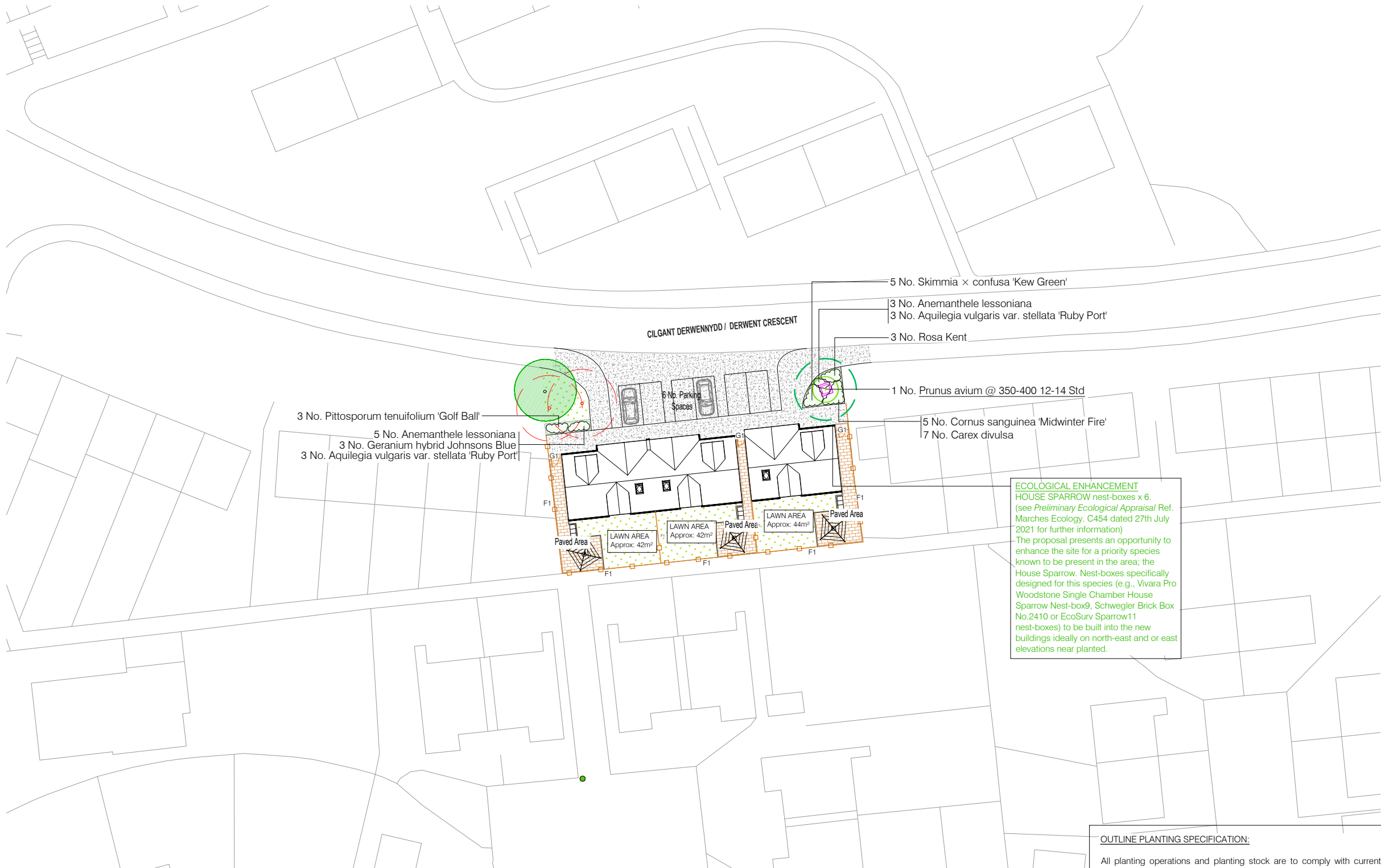




ECOLOGICAL ENHANCEMENT
HOUSE SPARROW nest-boxes x 6.
(see Preliminary Ecological Appraisal Ref. Marches Ecology, C454 dated 27th July 2021 for further information)
The proposal presents an opportunity to enhance the site for a priority species known to be present in the area; the House Sparrow. Nest-boxes specifically designed for this species (e.g., Vivara Pro Woodstone Single Chamber House Sparrow Nest-box2, Schwegler Brick Box No.2410 or EcoSurv Sparrow11 nest-boxes) to be built into the new buildings ideally on north-east and or east elevations near planted.

OUTLINE PLANTING SPECIFICATION:

All planting operations and planting stock are to comply with current recommendations and requirements as set within current British Standard Specifications as below.

- BS 8545: Trees: From Nursery to Independence in the landscape.
- BS 9936-1:1992: Nursery Stock: Specification for trees and shrubs
- BS 3882:2015 - Specification for topsoil
- BS 4428:1989: Code of practice for general landscape operations (excluding hard surfaces (AMD 6784)
- BS 5837: 2012 Trees in relation to design, demolition and construction.

SERVICES: No trees to be planted within 6m of existing or proposed foul, surface water drain or soakaways. Planting adjacent to other services shall be in accordance with the guidelines laid down by the relevant services authority, to be checked prior to works by managing contractor.

SUBSOIL: Rip areas of planting where practical to a depth of 500mm using toothed bucket of excavator / JCB to break up compaction and allow free drainage. Note. No mechanical excavation within retained tree RPAs.

TOPSOIL: Existing topsoil to be stripped and removed.
All imported topsoil to comply with BS: 3882:2015. Ph 6-8, free of stone greater than 50mm in any dimension, perennial weed roots, builders rubble/waste, toxic materials and contamination.
Sample load to be provided and retained for comparison with subsequent deliveries.
Subsequent loads not consistent or complying to be removed from site and replaced at contractors cost.
Topsoil supply and spread by loose tipping to a minimum depth of 300mm.
Lightly firm layers in 150mm deep applications avoiding compaction. Grade to an even surface and marry in with adjacent soft landscape areas.
Finished levels adjacent to hard surfaces to be level with kerb unless otherwise instructed. Allow suitable settling time prior to final levels.
Cultivate to a fine tilth removing all stones over 50mm that come to the surface. Allow to settle and make good deficiencies, humps and hollows.
Remove any weed growth prior to any planting. Treating with herbicide a min of 10 days prior to planting.

TREE PLANTING: Trees planted within 5m of hard surface areas should be installed with root barrier (ReRoot 600 as a minimum)
Tree planting to be installed in pits 800 x 800 x 800 at locations as shown.
Trees to be installed and supported by double round stakes and half round cross bar with bio-degradable tree buckle / tie.
Trees to be planted centrally in pit with Mint Rainbow Treebio Biodegradable Vole Spiral Guard installed
All installed to suppliers recommendations.

BARK MULCH: Applied to 75mm depth at each planted stock item covering 0.5m² area.
Main constituent conifer bark, maximum of 15% wood content and 5% fines. Particle size 5-65mm, free of pest disease or weed contamination.

TREE PLANT AND MIX LOCATIONS: Final positioning of all proposed tree planting and mix areas is subject to confirmation of service locations prior to planting mobilisation.

PLANTING SEASON: The planting of bareroot (BR) tree and shrub stock should only take place between mid-November and the end of March, subject to seasonal change. Tree planting of container grown stock (CG) can be planting throughout the year but recommended between Oct and April. The ground must not be frozen, waterlogged or dry. Seed mixes to be sown between August-September or March-April while the soil is warm and moist.

KEY
soft landscape

- EXISTING RETAINED TREES
Retained trees and canopy boundary of existing trees, shrubs & hedges as positioned following Arboricultural report in support of Derwent Crescent, Action, Wrexham. ref. Sylvan Resources. Dated: 08/07/2021
- REMOVED TREES & HEDGES
Canopy of existing trees & hedges to be removed as positioned following Arboricultural report in support of Derwent Crescent, Action, Wrexham. ref. Sylvan Resources. Dated: 08/07/2021
- PROPOSED TREE PLANTING
Standard tree planting proposed. Minimum 900mm depth of specific purpose free draining topsoil to BS 3882:2015 for tree planting [see Proposed Planting Schedule]
- ROOT CONTROL - LANDSCAPE ROOT DEFLECTOR
Product: Root Director (RD1050A) - *Green Blue Urban*
[see Tree Pit Sundries / Specification]
- PLANTING BEDS
Minimum 450mm depth of specific purpose free draining topsoil to BS 3882:2015 for shrub planting etc.
[see Planting Schedule]
- GRASSWORKS - PROPOSED LANDSCAPE TURF
Areas of proposed amenity grass turf installed upon a minimum of 150mm depth of specific purpose free draining topsoil to BS 3882:2015. Soil leveled and prepared to a fine tilth prior to turf laying. (See Grassworks Schedule for further details)
- PROPOSED TREE PLANTING PROJECTED CANOPY AT 25 YEARS FROM PLANTING
Proposed canopy radius and canopy m² shown by dashed line.

hard landscape

- HARD LANDSCAPE - PROPOSED TARMAC
Proposed tarmac access drive.
Finish: Blacktop
To Structural Engineer specification
- HARD LANDSCAPE - PROPOSED PAVING STONE AREAS
To Structural Engineer specification
- ROTARY WASHING LINE SYSTEM
- REFUSE STORE POINT

boundary treatment



F1 - 1.8m treated timber Closeboard fence system with timber post & gravel board



G1 - 1.8m treated timber Closeboard matching pedestrian gate

All works to conform to BS 5837:2012 Trees in relation to design, demolition and construction. Plus conforming to arboricultural method statements.
BS 4428:1989 Code of practice for general landscape operations (excluding hard surfaces)
BS 8545:2014 Trees: from nursery to independence in the landscape. Recommendations ASTM D5268 - 13
Standard Specification for Topsoil Used for Landscaping Purposes

NOTE:
This drawing indicates design arrangement only. All works to be undertaken in accordance with best practice and all current BS & Building Regulations.
Do not scale from drawing. Use figured dimensions only after checking.

A.	Drawing scale change to 1:500	03.05.2022
Rev	Description	Date

PJC Consultancy
Rocks Yard
Victoria Road
Herstmonceux
Hailsham
East Sussex, BN27 4TQ
t: 01323 832120
w: www.pjcconsultancy.com

Client
WREXHAM COUNTY BOROUGH COUNCIL

Project Name
ACTION HOUSING
DERWENT CRESCENT #1
WREXHAM

Drawing Title PROPOSED LANDSCAPE PLAN		
Drawing No. PJC-1109-001	Scale A2 - 1:500	Revision A
Signed		
Drawn TR	22.02.2022	
Designed TR	22.02.2022	

PLANT SCHEDULE					
TREES					
QUANTITY	SPECIES	HEIGHT cm	GIRTH	TYPE	
1 No.	Prunus avium	350-400	12-14	Std / CG	
SHRUBS & HERBACEOUS PERENNIALS.					
All planting areas to be dressed in Medium Grade ornamental bark mulch following planting.					
QUANTITY	SPECIES	HEIGHT cm	SIZE	TYPE	SPACING
6 No.	Aquilegia vulgaris var. stellata Ruby Port	20-30	2lt	CG	600
5 No.	Cornus sanguinea 'Midwinter Fire'	60-80	10lt	CG	800
3 No.	Geranium hybrid Johnsons Blue	20-30	2lt	CG	400
3 No.	Pittosporum tenuifolium 'Golf Ball'	30-40	5lt	CG	800
3 No.	Rosa Kent	30-40	2lt	CG	600
5 No.	Skimmia x confusa 'Kew Green'	30-40	5lt	CG	800
GRASSES					
QUANTITY	SPECIES	HEIGHT cm	SIZE	TYPE	SPACING
8 No.	Anemranthele lessoniana	30-40	3lt	CG	600
7 No.	Carex divulsa	20-30	2lt	CG	600
GRASSWORKS SCHEDULE					
GENERAL LANDSCAPE TURF					
Total Turf Areas Combined: Approx. 128 m²					
Pro Turf 3 (With Rye economy) - DLF TRIFOLIUM - or similar approved					
30%	Stravinsky	- perennial ryegrass			
45%	Rossinante	- strong creeping red fescue			
25%	Wagner	- chewing fescue			

TREE PIT SUNDRIES / SPECIFICATION.	
Tree pit ancillaries available from Green Blue Urban: http://www.greenblue.com/gbu/ (or similar)	
1 x Large kits required in total:	
Staking System: 1 x Double round stake kits with half round cross bar, rubber Arb block and strapping.	
Tree Pit Irrigation System: 1 x RootRain Urban: The RootRain Urban is a large capacity irrigation system with a fixed grid inlet, particularly suited to open space and roadside verge tree planting in softscape. Spec. Length: 3m Diameter: 60mm Inlet (Stainless Steel) 80mm Weight: 1kg.	
Root Control System: 1 x RootDirector RD640A: Rigid, one-piece construction for directing tree roots into intended rooting zones and away from buildings, pavement and utilities	

TREE PLANTING SCHEDULE - [PROJECTED CANOPY AT 25 YEARS]					
TREES.					
QUANTITY	SPECIES	HEIGHT cm [(@ PLANTING)]	GIRTH cm / SIZE [(@ PLANTING)]	PROJECTED CANOPY RADIUS cm [(@ 25yrs)]	PROJECTED CANOPY COVER AREA m² [(@ 25yrs)]
1 No.	Prunus avium	350-400	12-14 / CG	350	40.4 m²