Halsnead Farm

Client: Starship Group
Project: Halsnead Farm
Location: Widnes
Drawing ref.: 458-LYR-XX-ZZ-DWG-L-3002
Revision: 04
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Created by: Amy Diorazio
Schedule no.:

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Clear-stem Trees

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Number
A ca 'El'	Acer campestre 'Elsrijk'	Field Maple 'Elsrijk'	14-16	400-450	RB	EHS; clear stem min. 200cm	Counted
B pe-1	Betula pendula	Common Silver Birch	10-12	350-400	RB	3x; EHS; clear stem 175-200cm; 5 brks	Counted
C be	Carpinus betulus	Common Hornbeam	16-18	400-450	RB	EHS; clear stem min. 200cm	Counted
F s	Fagus sylvatica	Common Beech	14-16	400-450	RB	EHS; clear stem 175-200cm; 5 brks	Counted
P s	Pinus Sylvestris	Scots Pine	/	300-350	RB	4x; leader with laterals; feathered	Counted
P av	Prunus avium	Wild Cherry	14-16	350-400	RB	3x; EHS; clear stem 175-200cm; 5 brks	Counted
P p	Prunus Padus	Bird Cherry	14-16	350-400	RB	3x; EHS; clear stem 175-200cm; 5 brks	Counted
P 's'	Prunus 'Spire'	Cherry 'Spire'	14-16	350-401	RB	3x; EHS; clear stem 175-200cm; 5 brks	Counted
Q r	Quercus robur	Common Oak	16-18	400-450	RB	3x; EHS; clear stem min. 200cm	Counted
S a	Sorbus aucuparia	Rowan	14-16	400-450	RB	EHS; clear stem 175-200cm; 5 brks	Counted

Multi-stem Trees

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Number
A lam	Amelanchier lamarckii	Juneberry	/	300-350	RB	3x; Multi-stem; bushy; 3 stems min.	Counted
B pe - 2	Betula pendula	Common Silver Birch	/	350-400	RB	3x; Multi-stem; bushy; 3 stems min.	Counted
B pub	Betula pubescens	Downy Birch	/	300-350	RB	3x; Multi-stem; bushy; 2 stems	Counted
C k	Cornus Kousa	Chinese Dogwood	/	250-300	RB	3x; Multi-stem; bushy; 2 stems	Counted
C mas	Cornus mas	Cornelian Cherry	/	250-300	RB	3x; Multi-stem; bushy; 2 stems	Counted
C av	Corylus avellana	Hazel	/	300-350	RB	3x; Multi-stem; bushy; 2 stems	Counted
Q i	Quercus ilex	Holm Oak	/	300-350	RB	3x; Multi-stem; bushy; 2 stems	Counted

Hedge

Abbrev.	Botanical Name	Common Name	Height	Root Zone	Specification	Number (l in. M)
C bet	Carpinus betulus	Common Hornbeam	90-120	B	Double staggered row planted at a density of 5/Lm.	830.7
Abbrev.	Reference		Girth/ Dia. cm	Root Zone	Specification	Number (l in. M)
MNH	Mixed Native Hawthorn Based Hedge		90-120	B	Double staggered row planted at a density of 5/Lm. Species: Hawthorn 40%, Holly 20%, Blackthorn 10%, Hazel 10%	28.8

Screening Planting

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	per m2
C av	Corylus Avellana	Hazel	/	/	B	1+1; Transplant- seed raised	/
C mon	Crataegus monogyna	Hawthorn	/	/	B	1+1; Transplant- seed raised	/
E eur	Euonymus europaeus	Spindle	/	/	B	1+1; Transplant- seed raised	/
J com	Juniperus communis	Juniper	/	/	B	1+1; Transplant- seed raised	/
P spi	Prunus spinosa	Blackthorn	/	/	B	1+1; Transplant- seed raised	/
R arv	Rosa arvensis	Field Rose	/	/	B	1+1; Transplant- seed raised	/
R can	Rosa canina	Dog Rose	/	/	B	1+1; Transplant- seed raised	/
S lan	Salix lanata	Wooley Willow	/	/	B	1+1; Transplant- seed raised	/
S nig	Sambucus nigra	Elder	/	/	B	1+1; Transplant- seed raised	/
U eu	Ulex europaeus	Gorse	/	/	B	1+1; Transplant- seed raised	/

SUDs Planting

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	per m
A H H	Agapanthus Headbourne Hybrids	African Blue Lily Headbourne Hybrids	/	/	2L	Full pot	5
B o 'R'	Betonica officinalis 'Rosea'	Betony 'Rosea'	/	/	P9	Full pot	5
C b	Calamagrostis brachytricha	Korean Feather Reed Grass	/	/	2L	Full pot	5
D c 'GT'	Deschampsia cespitosa 'Gold Tau'	Tufted hair Grass	/	/	P9	Full pot	7
E k	Erigeron karvinskianus	Mexacan Fleabane	/	/	P9	Full pot	7
E p	Eryngium planum 'Blaukappe'	Blue eryngo	/	/	2L	Full pot	5
E c 'W'	Euphorbia characias 'Humpty Dumpty'	Spurge	/	/	2L	Full pot	5
L chi	Libertia chilensis	Chilean Iris	/	/	2L	Full pot	5
N r 'W L'	Nepeta racemosa 'Walkers Low'	Catmint 'Walker's Low'	/	/	2L	Full pot	5
P r	Phlomis russeliana	Turkish Sage	/	/	P9	Full pot	9
S r 'P G'	Santolina rosmarinifolia 'Primrose Gem'	Cotton Lavender 'Primrose Gem'	/	/	2L	Full pot	5
S 'M'	Sedum 'Matrona'	Stone crop 'Matronna'	/	/	P9	Full pot	7

Ornamental Mix

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	per m
A mil	Achillea millefolium	Yarrow	/	/	2L	Full pot	9
A m	Alchemilla mollis	Garden Lady's-mantle	/	/	P9	Full Pot	9
A vul	Aqulegea vulgaris	Columbine	/	/	P9	Full pot	7
C rem	Carex remota	Remote Sedge	/	/	P9	Full pot	7
C n	Centaurea nigra	Common Knapweed	/	/	P9	Full pot	5
D ces	Deschampsia cespitosa	Tufted hair Grass	/	/	P9	Full pot	7
E r 'V B'	Echinops ritro 'Veitch's Blue'	Globe Thistle 'Veitch's Blue'	/	/	2L	Full Pot	4
E eur	Euonymus europaeus	Spindle	/	/	10L	Bushy, 5 Breaks	3
E amy	Euphorbia amygdalodies	Wood Spurge	/	/	P9	Full pot	9
G n	Geranium nodosum	Knotted crane's-bill	/	/	P9	Full Pot	5
L v	Leucanthemum vulgare	Ox-eye daisy	/	/	2L	Full pot	5
P 'R'	Penstemon 'Raven'	-	/	/	2L	Full Pot	5
P f 'P B'	Potentilla fruticosa 'Pink Beauty'	Shrubby Cinquefoil 'Pink Beauty'	/	/	3L	Bushy	3
R av	Rosa arvensis	Field Rose	/	/	5L	Bushy, 5 Breaks	5
S a	Sesleria autumnalis	Autumn Moor Grass	/	/	P9	Full Pot	9
V b	Verbena bonariensis	Purpletop vervain	/	/	P9	Full Pot	9

Woodland Groundcover

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	per m
A nem	Anemone nemerosa	Wood Anemones	/	/	P9	Full Pot	9
A sco	Asplenium scholopendrium	Hart's Tongue Fern	/	/	2L	Full Pot	7
B sp	Blechnum spicant	Hard Fern	/	/	2L	Full Pot	5
E x v 'S'	Epimedium x versicolor 'Sulphureum'	Barrenwort	/	/	P9	Full Pot	7
F j	Fatsia japonica	Paperplant	/	/	5L	Full Pot	1
F me	Fritillaria meleagris	Snake's Head Fritillary	/	/	P9	Full Pot	15
G n	Galanthus nivalis	Common Snowdrop	/	/	B	Grade 5/6; in the green	15
G od	Galium odoratum	Sweet Woodruff	/	/	P9	Full Pot	9
H q 'S Q'	Hydrangea quercifolia 'Snow Queen'	Oak-leaved Hydrangea	/	/	5L	Full Pot	1
M st	Matteuccia struthiopteris	Shuttlecock Fern	/	/	2L	Full Pot	2
O re	Osmunda regalis	Royal Fern	/	/	2L	Full Pot	3
P vul	Primula Vulgaris	Primrose	/	/	P9	Full Pot	9
S di	Silene dioica	Red Campion	/	/	P9	Full Pot	7
V ti	Viburnum davidii	Laurustinus	/	/	5L	Full Pot	1
V ma	Vinca major var. oxyloba	Greater Periwinkle	/	/	P9	Full Pot	5

Wildflower

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Number (m2)
EM4	-	Emorsgate Seeds Mix EM4				Mix As per manufacturers specification: including 5.00% Achillea millefolium – Yarrow, 2.00% Agrimonia eupatoria – Agrimony, 6.00% Betonica officinalis – Betony, 12.00% Centaurea nigra – Common Knapweed, 4.00% Galium verum – Lady's Bedstraw, 5.00% Geranium pratense – Meadow Crane's-bill, 2.00% Knautia arvensis – Field Scabious, 1.00% Leontodon hispidus – Rough Hawkbit, 8.00% Leucanthemum vulgare – Oxeye Daisy, 3.00% Medicago lupulina – Black Medick, 10.00% Plantago lanceolata – Ribwort Plantain, 4.00% Primula veris – Cowslip, 10.00% Prunella vulgaris – Selfheal, 10.0% Ranunculus acris – Meadow Buttercup, 3.00% Ranunculus bulbosus – Bulbous Buttercup, 3.00% Rhinanthus minor – Yellow Rattle, 4.00% Rumex acetosa – Common Sorrel, 1.00% Silaum silaus – Pepper-saxifrage, 3.00% Silene flos-cuculi – Ragged Robin, 2.00% Taraxacum officinale – Dandelion, 2.00% Vicia cracca – Tufted Vetch	counted

Wildflower

* Wildflower Mix to be bought as a product: PS03 (Pictoral Meadows supplier), include the following species

Abbrev.	Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	per m
	Achillea millefolium					Included in Wildflower mix product specified	as product
	Achillea millefolium Cerise Queen					Included in Wildflower mix product specified	as product
	Aquilega vulgaris					Included in Wildflower mix product specified	as product
	Alchemilla mollis					Included in Wildflower mix product specified	as product
	Bellis perennis					Included in Wildflower mix product specified	as product
	Bellis perennis Pomponette Rose					Included in Wildflower mix product specified	as product
	Bupleurum rotundifolia					Included in Wildflower mix product specified	as product
	Campanula persicifolia					Included in Wildflower mix product specified	as product
	Cebtayrea cyanus alba					Included in Wildflower mix product specified	as product
	Digitalis purpea Apricot					Included in Wildflower mix product specified	as product
	Digitalis purpea Alba					Included in Wildflower mix product specified	as product
	Galium verum					Included in Wildflower mix product specified	as product
	Gerum Mrs Bradshaw					Included in Wildflower mix product specified	as product
	geranium pratense					Included in Wildflower mix product specified	as product
	Hesperis matronalis Mixed					Included in Wildflower mix product specified	as product
	Hypericum arvensis					Included in Wildflower mix product specified	as product
	Leucanthemum vulgare					Included in Wildflower mix product specified	as product
	Linum rubrum					Included in Wildflower mix product specified	as product
	Lunaria annua mixed					Included in Wildflower mix product specified	as product
	Myosotis sylvetica					Included in Wildflower mix product specified	as product
	Polemonium caeruleum					Included in Wildflower mix product specified	as product
	Primula elatior					Included in Wildflower mix product specified	as product
	Primula veris					Included in Wildflower mix product specified	as product
	Silene dioica					Included in Wildflower mix product specified	as product
	Salvia nemorosa					Included in Wildflower mix product specified	as product
	Valeriana officinalis					Included in Wildflower mix product specified	as product

Lawn

Supplier	Specification
Rolawn	Rolawn Medallion turf to BS3969

NOTES:
1. DO NOT SCALE FROM THIS DRAWING. ALWAYS WORK TO NOTED DIMENSIONS.
2. ALL SETTING OUT, LEVELS AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE INSTALLATION OF MATERIALS AND ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR IMMEDIATELY.
3. THIS DRAWING MUST BE READ WITH THE RELEVANT SPECIFICATION DOCUMENTS AND DETAIL DRAWINGS. ANY DISCREPANCIES MUST BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR IMMEDIATELY.
4. THIS DRAWING IS COPYRIGHT PROTECTED AND MAY NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN AUTHORITY.
5. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
6. NOTE DRAWING SUITABILITY CODE SHOWN BELOW. DRAWING NOT TO BE USED FOR CONTRACTUAL AGREEMENT WITHOUT A1 STATUS.

THIS DRAWING WAS PLOTTED ON:
05/08/2026

REVISION HISTORY

DATE	REV	ZONE	DESCRIPTION	CHK
01/06/2026	3		Updates to planting schedule to match softworks	AD
01/07/2026	4		Updated following comments from local council	AD
05/08/2026	5		Updates to architectural layout, updated following comments from LPA	AD

PLANTING SPECIFICATION NOTES

01. PLANT HANDLING AT THE NURSERY AND DURING TRANSIT UP TO DELIVERY SHALL BE IN ACCORDANCE WITH 'PLANT HANDLING' THE BOOKLET PUBLISHED BY THE COMMITTEE FOR PLANT SUPPLY AND ESTABLISHMENT (CPSE). THE CONTRACTOR SHALL COMPLY WITH CLAUSES 3&4 OF THE ABOVE BOOKLET (OBTAINED FROM THE HORTICULTURE TRADES ASSOCIATION) WHICH REFERS TO THE RECIEPT, UNLOADING AND TEMPORARY STORAGE OF PLANTS.

02. PLANTS SHALL BE FIRST CLASS EXAMPLES OF THEIR SPECIES OR VARIETY, FREE FROM ALL PESTS AND DISEASES WITH GOOD FIBROUS ROOT SYSTEMS AND MATERIALLY UNDAMAGED (REFER TO RELEVANT SECTIONS OF BS 3936 PARTS 1-4 'SPECIFICATION OF NURSERY STOCK').

03. ALL PLANTING IS TO BE IN GENERAL COMPLIANCE WITH LCC STANDARDS TO BS 3882:2015.

04. ALL TREES ARE STAKED AND SECURED AS FOLLOWS:
I) ALL SEMI MATURE TREES ARE TO BE UNDERGROUND GUYED AS PER DRAWING NO. 6002

05. AT THE TIME OF PLANTING, AREAS WILL BE COVERED BY AN APPROVED DEPTH OF TOPSOIL AT 300mm. IMPORTED TOPSOIL IN ACCORDANCE WITH BS 3882. IMPORTED SUBSOIL IN ACCORDANCE WITH BS 8601.
ALL PLANTING TO BE COVERED WITH 50mm MULCH LAYER.

06. THE CONTRACTOR MUST ASCERTAIN FOR THEMSELVES THE EXACT LOCATION OF ANY UNDERGROUND SERVICES AND MAINTENANCE POINTS.

07. ALL PLANTING IS TO BE IMPLEMENTED INTO GROUND PREPARED BY THE MAIN CONTRACTOR.

08. WATER AS NECESSARY TO ENSURE PLANT ESTABLISHMENT AND CONTINUED THRIVING OF PLANTED MATTER.

09. CARRY OUT ALL WORK WHEN SOIL AND WEATHER CONDITIONS ARE SUITABLE:
I) DO NOT PLANT DURING PERIODS OF FROST OR STRONG WINDS. PLANT ONLY DURING THE FOLLOWING PERIODS:
- TREES: LATE OCTOBER TO LATE MARCH
- HERBACEOUS PLANTS: SEPTEMBER/OCTOBER OR MARCH/APRIL
ENSURE THAT ADEQUATE WATERING AND WEED CONTROL IS AVAILABLE.

PLANTING METHODOLOGY

01. WE HAVE PROVIDED DETAILED PLANT SPECIFICATIONS - SIZE, SPECIFICATION, DENSITY AND NUMBER. THE PLANTING CONCEPT IS A MIX OF SPECIES WITHIN BEDS. METHODOLOGY FOR PLANTING IS TO NOT SPECIFICALLY DEFINE THE LOCATION OF INDIVIDUAL PLANTS. PLANTS WILL BE LAID OUT ACCORDING TO THE CONTRACTORS WISHES - WITH THE FOLLOWING PARAMETERS TO BE FOLLOWED.

MIXED BEDS
SPECIES TO BE DISTRIBUTED EVENLY ACROSS THE SPECIFIC BED WITH THE AMOUNT & SPECIES INDICATED.

BULBS
DISTRIBUTED EVENLY THROUGHOUT THE BEDS AT 10m2.

SOIL SPECIFICATION NOTES

01. AT THE TIME OF PLANTING, AREAS WILL BE COVERED BY AN APPROVED DEPTH OF TOPSOIL AT 300mm. IMPORTED TOPSOIL IN ACCORDANCE WITH BS 3882. IMPORTED SUBSOIL IN ACCORDANCE WITH BS 8601.
ALL PLANTING TO BE COVERED WITH 50mm MULCH LAYER.

TOPSOIL SPECIFICATION

MULTI-PURPOSE TOPSOIL (SANDY LOAM) BS 3882
WWW.PAVINGDIRECT.COM (OAE)
TOPSOIL IN ACCORDANCE WITH BS 3882

MULCH SPECIFICATION

LANDSCAPING BARK MULCH
WWW.ROWLAWN.COM (OAE)
ROWLAWN IN ACCORDANCE WITH BS 9001 & BS 14001

SUBSOIL SPECIFICATION

PREMIUM SS SUBSOIL BS 8601
WWW.PREMIUMTOPSOILSUPPLIES.COM (OAE)
SUBSOIL IN ACCORDANCE WITH BS 8601

ORIGINATOR
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NEWCASTLE Studio 29 39 High Bridge Works Newcastle-upon-Tyne NE1 1EW

Client: Starship Group
Project: Halsnead Farm, Widnes
Drawing Title: Planting Schedule

Created By	Checked By	Scale	Sheet Size
MC	ST	1:500	A1

Project Number	Originator	Volume	Level	File Type	Discipline	Number
458	LYR	XX	ZZ	DWG	L	3002

Work Stage	Status	Revision
Stage 1	SX Review & comment	5