NOTES:

All pre-planting site preparation, planting and post-planting maintenance works shall be carried out in accordance with the requirements of British Standard 4428:1989 'Code of Practice for General Landscape Operations (excluding hard surfaces)

All trees, shrubs and hedge plants supplied shall comply with the requirements of BS 3936 Part 1:1992, be obtained from a nursery certified by the HTA and transported to the site in accordance with HTA Plant Handling Guide 1996, Specification for Nursery Stock.

Shrub planting

Shrubs shall and create a ground cover carpet when mature at specified densities; shrubs should be in accordance with BS 3936-1:1992. No shrub planting should take place in exceptionally wet, hot, windy, dry or frosty weather. Batches of shrubs or small trees and plants shall be similarly identified with both the species and supplier name.

All shrubs to be positioned as shown on the drawing and to the density and specification listed in the plant schedule. Planting holes to be 100mm wider than the root spread have the base ground thoroughly broken up before planting and backfilled with compost. **Plants in mixes to be randomly planted through bed in groups of 3,5 or 7, low edge species to front of bed , taller species to rear. Minimum density 4/m2, smaller ground cover plants to 5/m2.**

Mulch
50mm depth B - 35mm ornamental bark mulch to be supplied and spread to all shrub planting areas.

Trees
All trees to be planted in separate pits a minimum of 1200mm dia x 900mm depth.The sides of the planting pits to are to be forked over to help alleviate compaction and allow for the tree roots to become established. Bio365 with a mixture of approved topsoil and tree and shrub planting compost clean of building contaminants, at a rate of one part compost two parts topsoil and 70-140g/m2 of Osmocote Start/Jobin Flora 15-9-9 +2S MgO granular controlled release or similar approved.

The trees shall be planted with the root collar at the same level as the surrounding soil levels.

The trees shall be staked, tied and mulched at the time of planting.The trees shall be anchored with a single stake angled at 45 degrees and attached the trunk of the tree with a tie at circa 1 metre above ground level.The stake shall be driven into the ground clear of the rootball.

The stakes and ties shall be removed no sooner than following a minimum of 2 growing seasons.

All trees to be planted to the original root collar and all trees not secured with an underground guying system should be staight staked at 45 degrees to perpendicular. Secured with a tie and spacer at a height not exceeding 1/3 of the tree height. All whips and hedging to be planted with spiral guards and supports.

Any Turf shall comply with BS 3969:1998+A1:2013 and the recommendations for turfing contained in BS 4428:1989.Turf should be laid only in appropriate weather and upon a prepared topsoil base. No turf should be laid in exceptionally wet, hot, windy, dry or frosty weather.

Provision to be made to provide supporting stake(s) and protect trees from rabbits and strimmer damage.

Large plants and trees shall be clearly labelled with both the species and supplier name. Batches of shrubs or small trees and plants shall be similarly identified with both the species and supplier name.

All soft landscaping works to be carried out in accordance with BS4428:1989.

Topsoil
To be supplied and spread by the main contractor to the approval of the landscape contractor, in accordance with Bs3882:2007. To be a natural sandy loam, of medium texture, with a pH between 5.5 and 7.8. Not more than slightly stony and free from pernicious weeds. Subsoil to be well broken up prior to top soiling to relieve compaction. Topsoil depths should allow a minimum depth of 450 mm for ornamental shrub and hedge planting and 150mm for turfed lawn areas.

Wildflower EM2 area. Low Fertility Topsoil (e.g. Green-Tree Low Fertility Soil – BS3882:2015) used where possible. Too much nutrient-rich topsoil will hinder the establish of wildflowers, as grasses flourish in these conditions. Sow in autumn where possible.

Cultivation
Weeds to be prevented from seeding or becoming established. Compacted soil to be broken up to a depth of 100mm with any stones, grass turfs or rubbish larger than 50mm in any direction removed, leaving a regular even surface. Suitable slow release fertiliser to be supplied and spread @ 50g/m2 to all shrub planted beds.

Soil amelioran
Spent mushroom compost containing only well rotted manure to be spread over ornamental / shrub beds (not the meadow) @ 50mm deep prior to cultivation.

Hedge Trenches shall be dug 450mm x 450mm x 450mm the base of which shall be broken up prior to returning the bio365 mixture.This shall comprise of two parts topsoil to one part tree and shrub planting compost. Stock shall be planted at the distances given on the drawing in single rows. All stock bas8 be planted to the root collar and well firmed in place. After planting a 50mm layer of Melcourt ornamental bark or equivalent shall be spread over the trench. All stock shall be thoroughly watered in. Hedges should be maintained to a height in maturity of 1.5m, annual cutting in August should retain foliage for winter. All native hedging to use Spirol guards and canes.

All new tree plantings shall be positioned in accordance with the requirements of Table A.1 of BS5837:20 12.Trees should have clear stems to a minimum of 2m. Prune trees and shrubs as required to promote healthy growth and natural shape. Remove dead, dying, diseased wood and suckers. When pruning trees favour a single central shoot. Watering of trees should be sufficient for them to thrive eg 125 litres per week).

REFER TO ARCHITECTS AND ENGINEERS EXTERNAL WORKS DRAWINGS FOR FINAL LEVELS, RETAINING WALL CONSTRUCTION , DRAINAGE AND HARD LANDSCAPE DETAILS

REFER TO ARCHITECTS DRAWING FOR FINAL BOUNDARY DETAILS

LAYOUT BASED UPON ARCHITECTS DRAWING 13.4.22-WHARF-WBA-SI-XX-DR-A-PL_021-P 2 - Proposed Site Layout.dwg

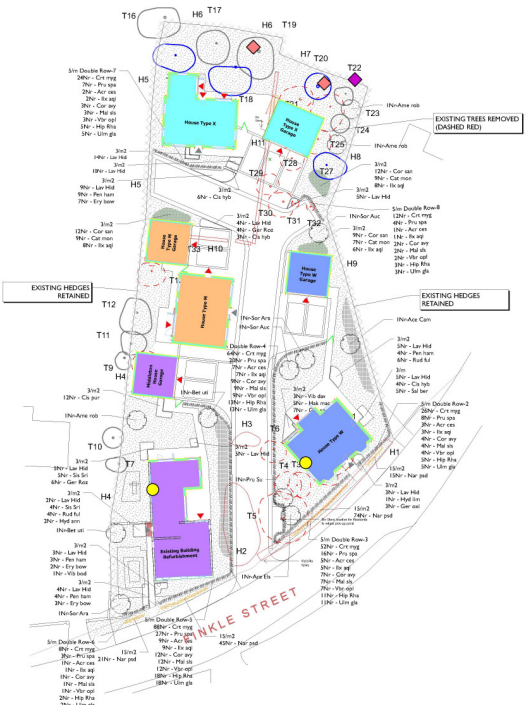
THIS DRAWING MUST BE PRINTED IN COLOUR.
This drawing is to be read in conjunction with all relevant consultants drawings and specifications from site. This drawing remains the copyright of Root3 Associates Ltd and is for use on this project only. Do not scale from this drawing. Inform root3 and all relevant consultants if drawings and specifications are inconsistent / supply shall clearings and specifications.

All works to be carried out in accordance with the latest British Standards / Codes of Practice unless specifically directed otherwise. This drawing is protected by copyright and may not be reproduced or by drawing in paper form, or issued or electronic form, law with the recipient to check that all dimensions are correct and that this is the latest issue when compared to the original paper or electronic issue.
Graphical representations of equipment on this drawing have been prepared from the information available at the time of the specifications and is a guide for layout ideas and / or specific contractor information.

N

0 5 10 15 20 25m
SCALE 1:250

LA-02 Landscape Plan
Scale: 1:250



KEY

- NEW PROPOSED TREE PLANTING
- SHRUBS AND HERBACEOUS
- NATIVE SCRUB 3 SPECIES MIX
- 'LANDSCAPE 34' WILDFLOWER TURF LTD 25% GRASS / 75% FLOWERS LAID TO MAUFACTURERS SPECIFICATION
- BULBS
- NEW NATIVE SPECIES RICH HEDGING 5/m
- EXISTING HEDGING RETAINED

BIRD AND BAT BOX KEY

- BAT BOX INTEGRATED TYPE AS HIGH AS POSSIBLE, IDEALLY 4M. AVOID BEING PLACED ABOVE ANY WINDOWS OR DOORS.
- STANDARD SMALL HOLE-FRONTED NEST BOXES WITHIN TREE 2-4M HEIGHT WITH AN ENTRANCE HOLE OF 25 MM DIAMETER SUITABLE FOR SMALL SPECIES.
- 1X ROBIN BOX PLACED WITHIN THE HEDGE H7

ORNAMENTAL AND NATIVETREES (ROOT BALL)

Quantity	ID	Latin Name	Girth or Height	form / size
1	Ace Cam	Acer campestre	14-16	Ex Hvy Std
1	Ace Ex	Acer campestre Elsrijk	14-16	Ex Hvy Std
3	Ame cal	Amelanchier Robin Hill	14-16	Ex Hvy Std
2	Bet ut	Betula utilis jacquemontii multi stem	14-16	Ex Hvy Std
1	Pru Ka	Prunus Sunset Boulevard	14-16	Ex Hvy Std
2	Sor Ars	Sorbus aria	14-16	Ex Hvy Std
2	Sor Aus	Sorbus aucuparia	14-16	Ex Hvy Std

SHRUBS AND HERBACEOUS

Quantity	ID	Latin Name	Scheduled Size	Height	Density min p/m2
12	Ery bow	Erysimum 'Bowles's Mauve'	3L	30-30	5
7	Ger spe	geranium macrorrhizum spessart	3L	30-30	4
3	Ger nol	Geranium nolanum margarite pink	3L	30-30	4
10	Ger Ros	Geranium rozanne	3L	30-30	5
5	Hak mac	Hakonechloa macra 'Aureola'	3L	30-40	3
20	Pen ham	Pennisetum alopecuroides 'Hameln'	3L	30-30	3
10	Rud ful	Rudbeckia fulgida 'Goldsturm'	3L	30-30	5
5	Sal ber	Salvia officinalis berggarten	3L	30-40	3
9	Ste Sri	Stipa tenuissima ornium Aure Mar	3L	30-40	4
13	Cis pur	Cistus purpureus	10L	30-30	4
13	Cis hyb	Cistus hybridus	10L	30-30	3
2	Hyd ann	Hydrangea arborescens 'Annabelle'	10L	100-120	1
1	Hyd lim	Hydrangea paniculata little lime	10L	40-60	2
50	Lav Hid	Lavandula angustifolia 'Hidcote'	10L	20-30	4
3	Vib dav	Viburnum davidii	10L	30-40	2
1	Vib bod	Viburnum bodnantense 'Charles Lamont'	25L	120-160	1
0					

NATIVE HEDGES - BARE ROOT 5m WITH CANES AND RABBIT GUARDS

Quantity	ID	Latin Name	Scheduled Size	height
58	Mal sy	Malus sylvestris	1+2	60-80
58	Cor avy	Corylus avellana	1+2	60-80
58	Vib opl	Viburnum opulus	1+2	60-80
57	Ulm glo	Ulmus Globra	1+2	60-80
57	Hip Rha	Hippophae rhamnoides	1+2	60-80
85	Pru spa	Prunus spinosa	1+2	60-80
274	Cra mg	Crataegus monogyna B	1+2	60-80
28	Ile aq	Ilex aquifolium	1+2	60-80
28	Acr cas	Acer campestre B	1+2	60-80
0				

NATIVE SCRUB MIX BARE ROOT (1/M CENTRES) WITH RABBIT GUARDS AND CANES

Quantity	ID	Latin Name	Form	Size
35	Cat mon	Crataegus monogyna feathered	1+2	40-60
32	Ile aq	Ilex aquifolium	1+2	40-60
33	Cor san	Cornus sanguinea	XL	60-80

BULBS AT 15p/m

Quantity	ID	Latin Name	Grade
556	Nar ped	Narcissus tazetta	10-12
0			

Adjusted to architects plan 13.4.22-WHARF-WBA-SI-XX-DR-A-PL_021-P2 - Proposed Site Layout.dwg

REV	BY	DATE	REV
cm		19.4.22	A

BY	CHKD	SHT	DATE
EM	EM	/	04.04.22
DWG NO	CLIENT		REV
R3-543-03-LA-02	Mr. M. Gibson		A
TITLE	LANDSCAPE PLAN SHERIFF HUTTON		SCALE 1:250 A1

root3
Landscape Architecture Ecology
4-6 Bridge Street - Tadcaster - North Yorkshire - LS24 9AL
www.root-3.com e: info@root-3.com t: 01937 531558