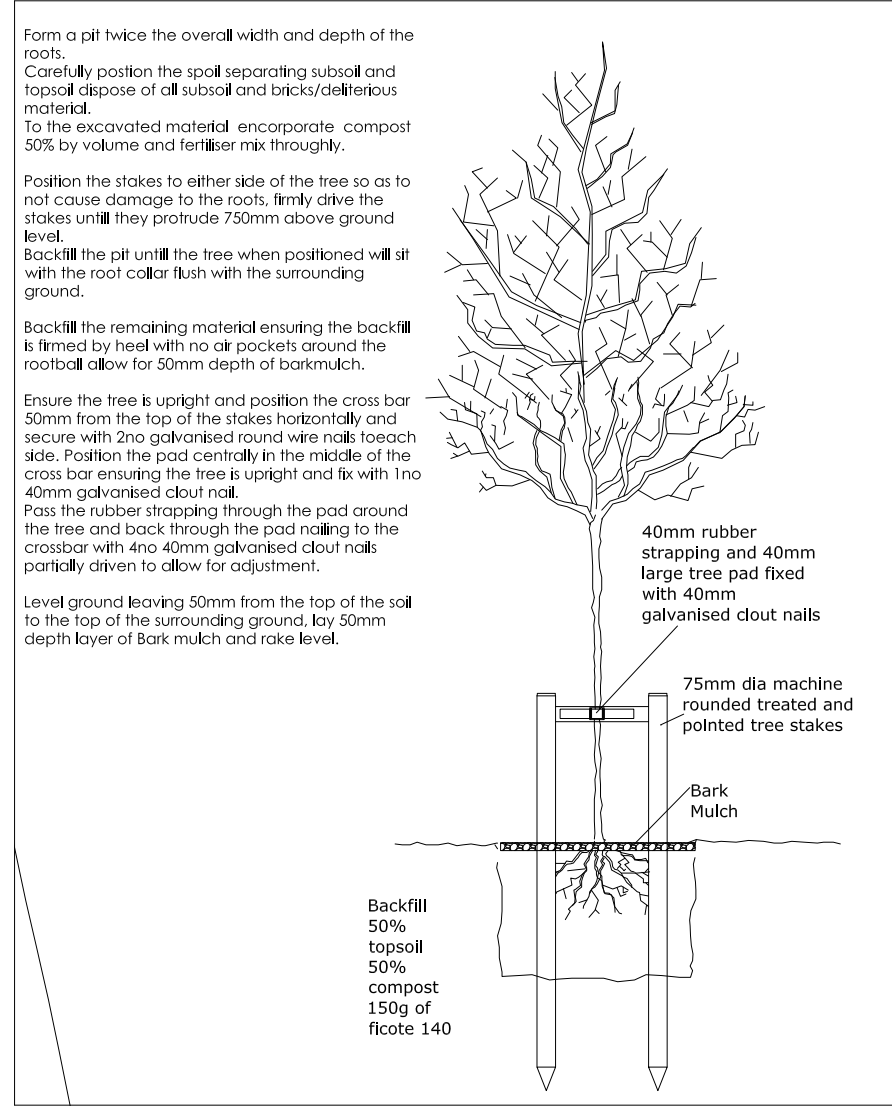
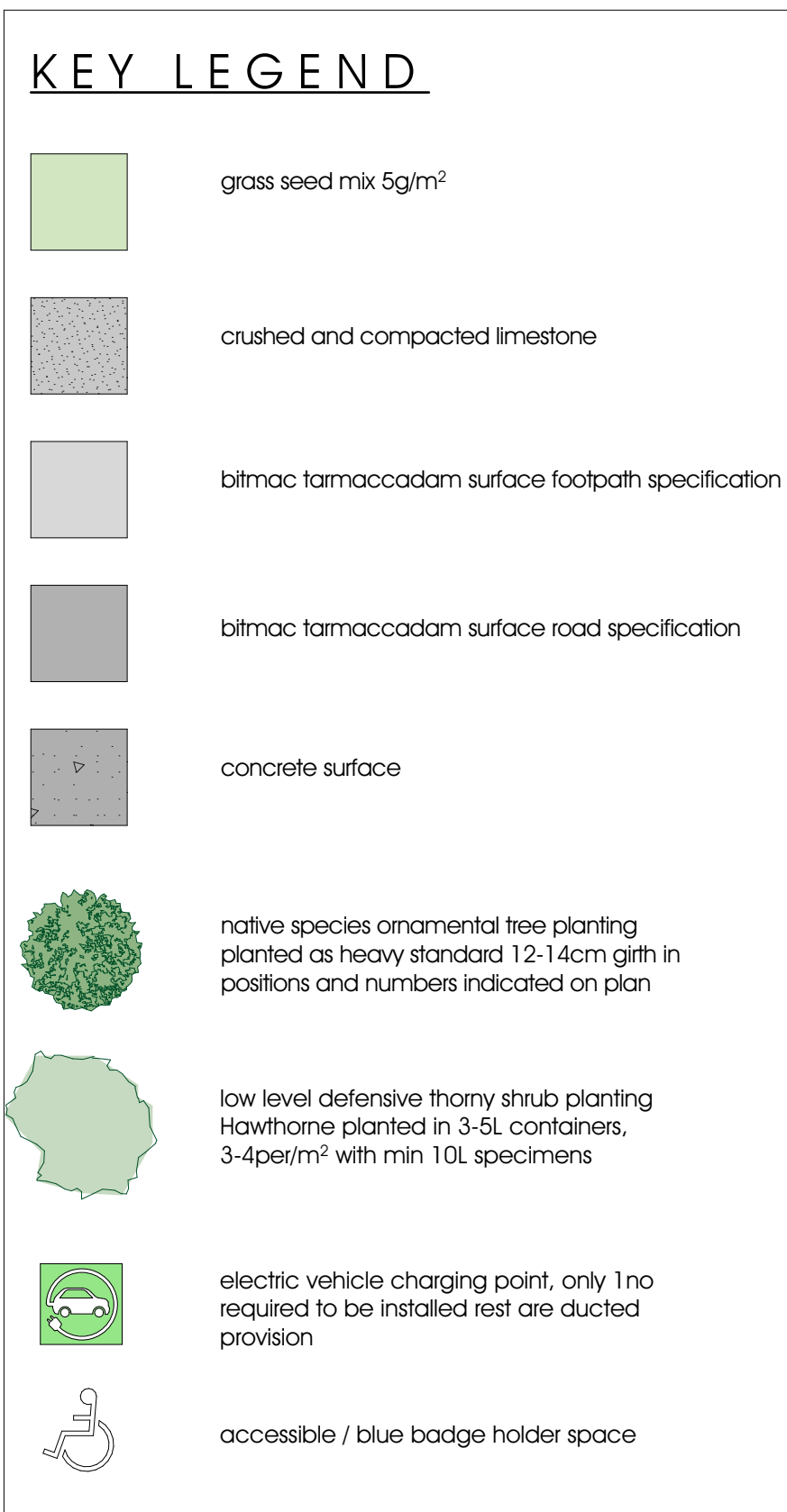
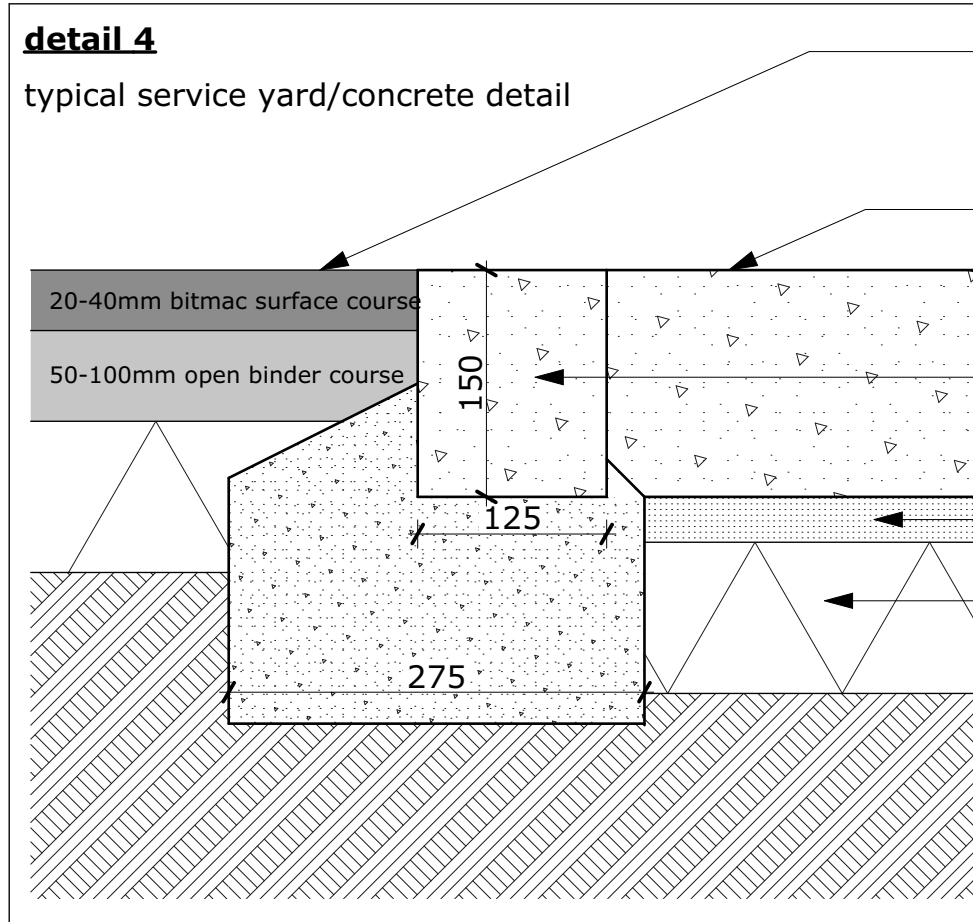
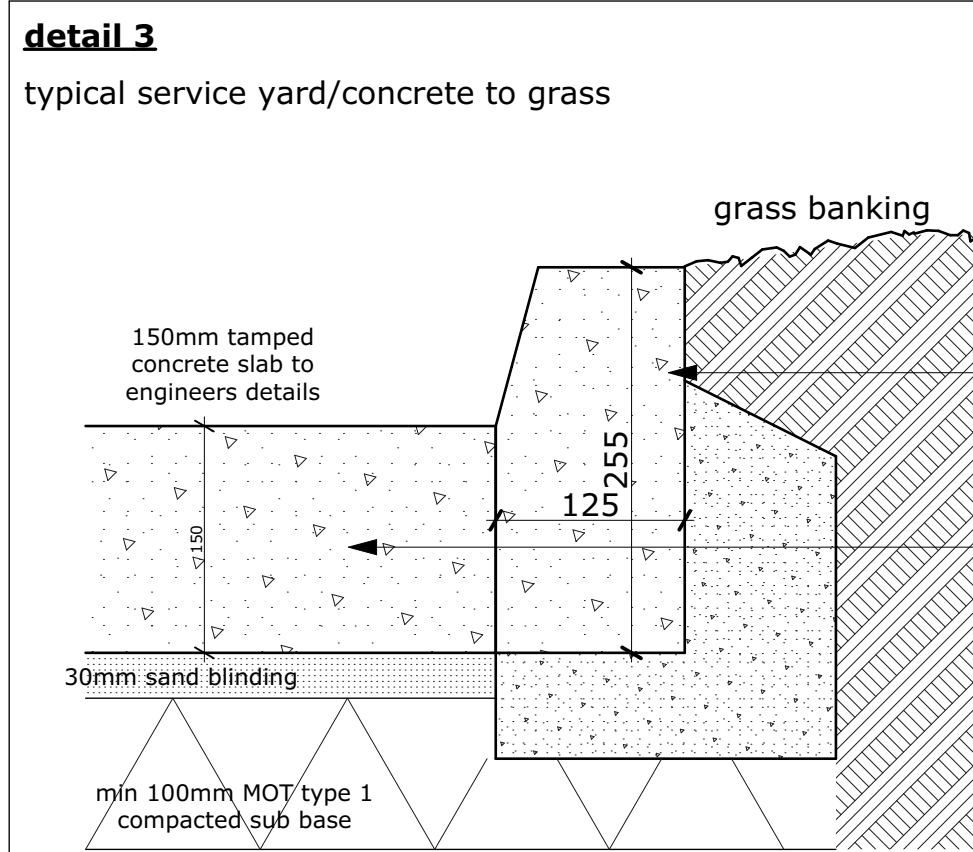
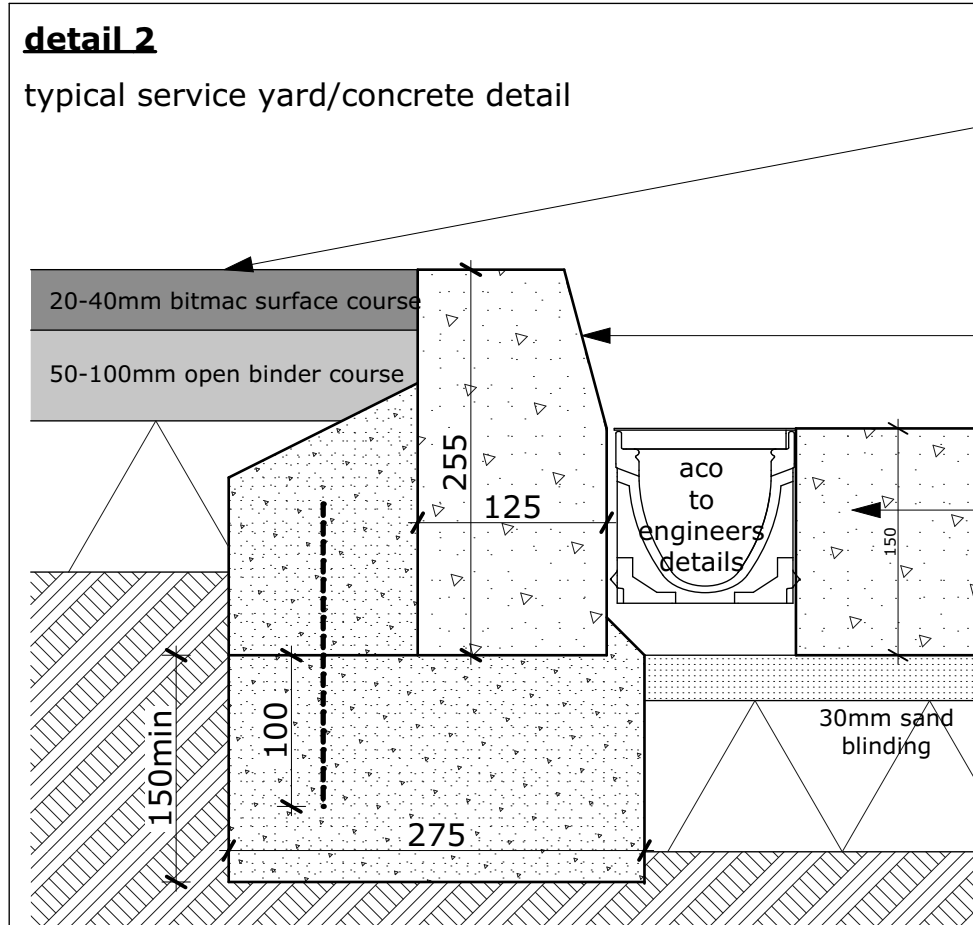
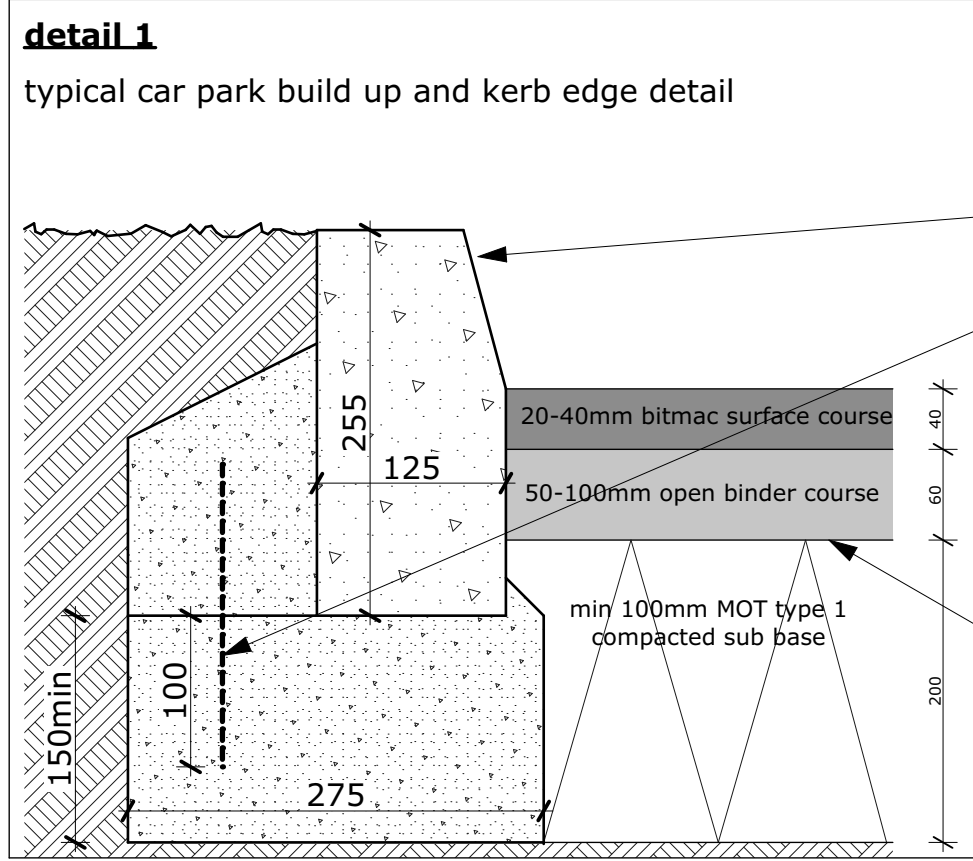




Planting Notes

1. Tree procurement, planting and management shall be in accordance with BS 8545:2014 Trees: from Nursery to Independence in the Landscape - Recommendations.

existing trees to be protected from construction activities in accordance with BS 5837

All other plants shall be handled 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, 19 High Street, Theale, Reading, RG7 5H) which refers to the receipt, unloading and temporary storage of plants.

2. 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 BS9336 Parts 1-4: Specification of Nursery Stock).

3. All planting is to be in general compliance with BS4428: 1989 Code of Practice for general landscape operations (excluding hard surfaces).

4. Shrub beds to have a min depth of 450mm good quality topsoil in accordance with BS 3882:2007, beds should be cultivated prior to planting and be free from weeds or any stones/ rubble material greater than 50mm.

5. Grassed areas - Remove unwanted weeds and vegetation from area to be sown. Prepare ground and spray with a glyphosate based weed killer inline with manufacturers recommendations. Sow EWIF seed mix from Emengate at a rate of 1.5g per square metre.

6. All trees are to be staked and secured as follows:

i) All feathered whip trees to be notch planted and heeled in securely to firm into position. Whips should be protected with a spiral-bound tree/shrub guard and secured into place with a cane. A glyphosate based herbicide should be used to keep the base of the tree maintained weed free during the establishment period.

ii) 8-10cm & 12-14cm trees to be single staked using a short stake (at 600mm above ground level) and secured with a rubber webbing tie and spacer.

7. For the ornamental and feature trees: One number 80lb bag of tree planting compost (non-peat based) is to be incorporated into tree pits. Compost must be mixed thoroughly with topsoil. Trees shall be planted in tree pits of the following minimum sizes (or large enough to comfortably accommodate the root ball, whichever is the largest):

i) 8-10 700x700x600mm deep
ii) 12-14 800x800x650mm deep

8. The contractor must ascertain for himself/herself the exact location of underground services and maintenance points.

9. All areas of ornamental planting are to be mulched to a depth of 50mm with medium grade tree bark.

10. The grassed areas will be seeded with a low growing species rich grass mix (unless otherwise advised by the client), as per suppliers instruction.

11. Areas of existing grassland to be retained which are disturbed by earthworks etc, to be properly reinstated (soil de-compacted, cultivated and seeded).

12. Water all plants and trees on the same day of planting and there after as necessary (min once a week in periods of drought) to ensure the establishment of the plants during the 12months defects period.

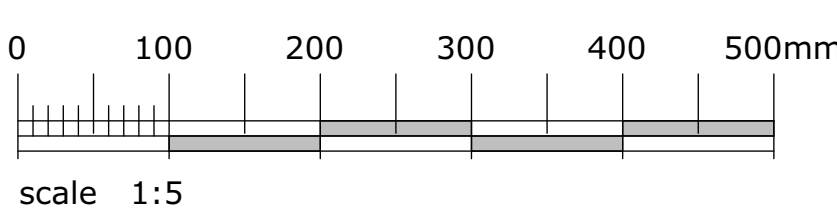
13. Thinning of trees and shrubs to take place between years 5 and 10 to ensure that the woodland areas establish well and trees/shrubs have space to develop.

SHRUB PLANTING

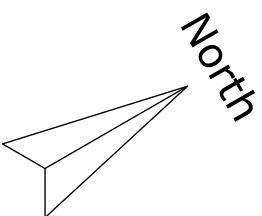
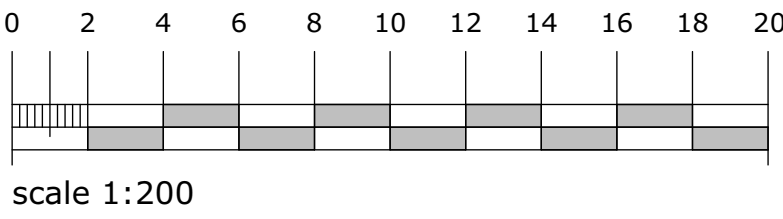
Abb	Species	Size	Height (cm)	Density
CaKF	Calamagrostis Karl Forester	3L	40-50	4 sq.m
Ct	Choysia ternata	3L	20-30	3 sq.m
CtS	Choysia ternata 'Sundance'	10L	60-90	As shown

2.4m high paladin fence

proposed hard landscaping details 1:5



proposed site layout 1:200



revision notes	
no	description

8	03.10.22: ig: updated building positions to avoid roof protection areas
C	12.10.22: ig: updated to suit new building layout
F	23.03.23: ig: gate opening amended to open into site
H	02.08.23: ig: combined sewer position updated
I	16.11.23: ig: building redesigned to accommodate sewer easement
J	16.11.23: ig: alternative option
K	16.11.23: ig: block showing alternative building position
L	13.12.23: ig: site layout updated to accommodate easment
M	25.01.24: ig: building repositioned
N	06.03.24: ig: buffer boundary planting indicated
O	12.03.24: ig: building size reduced
P	08.11.24: ig: updated with hard soft landscaping details
Q	18.11.24: ig: minor updates
R	15.01.25: ig: additional security fence indicated, boundary wall demolished to allow for 3m easment to fence, car parking updated to suit, external plant repositioned to unit 1&2
S	27.01.25: ig: building 1&2 repositioned to avoid clash with RPA's
T	04.03.25: ig: concrete surface extended
U	04.03.25: ig: reference to 1.8m high fence changed to 2.4m line with specification
V	31.03.25: ig: existing boundary wall indicated as demolished and replaced with 2.4m high fence
W	04.04.25: ig: existing tops updated to assist with cut and fill
x	30.05.25: ig: updated with reduced scope of works
x	20.06.25: ig: unit 3 indicated

2.4m high wild mesh anti climb fence to be bed into existing to form continuous barrier in accordance with LPS 1175

grass seed mix 5g/m² density

native and ornamental tree planting: Punal Akum and Akus Cordata planted as heavy standard 12-14cm girth in positions and numbers indicated on plan generally 8-10m centres 300-500mm height with root protective barriers

shrub mix: Calamagrostis Karl Forester: size 3L; height 40-50cm; density 4sqm
Choysia ternata: size 3L; height 20-30cm; density 3sqm
Choysia ternata: size 10L; height 60-90cm; density as shown

crushed MOT gravel to perimeter of slab

low level defensive thorny shrub: Hawthorne planted in 3-5L containers, 3-4per/m² with min 10L specimens 60-90cm height approx 50m² total

2.4m high wild mesh anti climb fence to be bed into existing to form continuous barrier in accordance with LPS 1175

manual gates

bin store enclosure

existing boundary wall retained

new concrete surface to shared service yard

2.4m covered secure Sheffield cycle mgs, 4 cycles

grass seed mix 5g/m² density



client: MSM

project: new facility
Hanson Close Middleton

sheet: proposed site layout

drawing no:	22.135_01_002	Y
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scale: 1:2 @ AD

date: drawn by: