

PLANTING NOTES:

- 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, 19 High Street, Theale, Reading, Berks RG7 5H) which refers to the receipt, unloading and temporary storage of plants.
- 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 BS3936 Parts 1-4 'Specification of Nursery Stock'). Contractors to try and source plants from a nursery which uses Peat Free Compost.
- All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations.
- Tree Planting: A peat free compost and slow release tree fertiliser should be incorporated into the back fill material for all trees.
- Trees to be secured with a single timber stake and rubber tree tie.

- 10-12cm girth - Trees to be planted in pits 800 x 800 x 600mm deep and base broken out to facilitate drainage.
 - 14-16cm girth - Trees to be planted in pits 1000 x 1000 x 750mm deep and base broken out to facilitate drainage.
5. Shrub Beds and Planting General:
- All beds should be free draining and free from builders rubble and large stones. There should be min 450mm of good quality top soil to all the shrub beds (which is expected to be supplied by the house builder).
 - Areas to be treated with a non-residual based herbicide prior to planting and cultivated to a depth of 150mm.
 - A slow release fertiliser mixed with a peat free compost should be incorporate into the back fill material when planting the shrubs to give them the best possible chance of establishment.
 - For hedges dig a trench the full length of the hedge 500mm wide x 400mm deep and break up the base to facilitate drainage.
6. Finishing Beds:
- The finished surface of the bed should be free from weeds, stones or rubble and the surface of the soil cultivated to level out any clumps, mounds or depressions.
 - When planted all shrub beds are to be mulched with 50mm depth of small grade bark mulch.
 - The beds should be maintained weed free and the beds topped up annually with bark mulch as required.
7. Grass:
- Areas should be free draining and free from builders rubble and large stones. There should be min 150mm of good quality top soil to all the areas to be turfed.
 - Areas to be cultivated to a depth of 150mm and finished to a fine tilth with smooth even contours and gradients.
 - Prior to seeding the areas should be sprayed with a non-residual based herbicide.
 - Ensure that the grass is maintained to 25-50mm and once established mown min 12 times a year in the growing season.

9. Watering:
- All Trees, Hedges and Shrub beds to be watered regularly in the first year of establishment until the roots have established. Increased site visits will be required in periods of drought when there has been no or limited rainfall in a two period. In this case water all of the shrubs beds and grass until the ground is fully saturated to avoid the plants dying.
 - For the trees in the first year of establishment and in subsequent years if there is a drought.
 - Water with the following volumes once every 2-4 weeks regardless of rainfall:
 - 10-12cm trees - 150 litres minimum per month.

10. Weeding:
- All shrub beds to be maintained weed free by regularly hand weeding the beds. Do not use weed killer as a regular means of reducing weeds. Maintaining the bark mulch will also help to naturally reduce weed growth and will maintain moisture in the soil reducing the need for regular watering. Top up in year two and subsequent years for the duration of the show arena as required.

11. The contractor must ascertain himself/herself of the exact location of underground services prior to carrying out any digging on site.

Planting Schedule

Trees					
Abb	Species	Specification	Height	Girth	Total
A ca	Acer campestre	2x Selected Standard Clear Stem min. 200 4 brks :RB	300-350cm	10-12cm	3
A lam	Amelanchier lamarckii	2x Selected Standard Clear Stem 175-200 5 brks :RB	250-300cm	10-12cm	2
A pl 'E Q'	Acer platanoides 'Emerald Queen'	Selected Standard 4 brks 2x :RB Clear Stem min. 200cm	300-350cm	10-12cm	1
B pe	Betula pendula	2x Selected Standard Clear Stem min. 200 4 brks :RB	300-350cm	10-12cm	5
C be 'F F'	Carpinus betulus 'Frans Fontaine'	2x Selected Standard Clear Stem min. 200 4 brks :RB	300-350cm	10-12cm	7
C mon	Crataegus monogyna	2x Selected Standard Clear Stem 175-200 4 brks :RB	300-350cm	10-12cm	2
P av	Prunus avium	2x Selected Standard Clear Stem min. 200 4 brks :RB	300-350cm	10-12cm	2
S a	Salix alba	2x Selected Standard Clear Stem 175-200 4 brks :RB	300-350cm	10-12cm	2
T co 'G'	Tilia cordata 'Greenspire'	2x Selected Standard Clear Stem 175-200 4 brks :RB	300-350cm	10-12cm	5
P c 'Ch'	Pyrus calleryana 'Chanticleer'	3x Extra Heavy Standard Clear Stem 150-175 5 brks :RB	400-450cm	14-16cm	7
Ph	Platanus x hispanica	3x Extra Heavy Standard Clear Stem 175-200 5 brks :RB	400-450cm	14-16cm	1

Ornamental Hedges					
Abb	Species	Specification	Height	Density	Total
Cbe	Carpinus betulus	1+2: Feathered: B	100-125cm	4/m	253

Native Shrub Mix					
Abb	Species	Specification	Pot	Height	Mix %
CsMF	Cornus sanguinea 'Midwinter Fire'	1+1: Branched 3 brks :BR	60-80cm	100%	13
C av	Corylus avellana	1+2: Branched 3 brks :BR	60-80cm	20%	26
Cmo	Crataegus monogyna	1+1: Transplant :BR	60-80cm	30%	38
la	Ilex aquifolium	Leader with laterals	5-7.5L	60-80cm	10%
MA	Malus sylvestris	1+1: Transplant :BR	60-80cm	10%	13
Ppa	Prunus padus	1+1: Transplant :BR	60-80cm	10%	13
R can	Rosa canina	1+1: Branched 3 brks :BR	60-80cm	10%	13

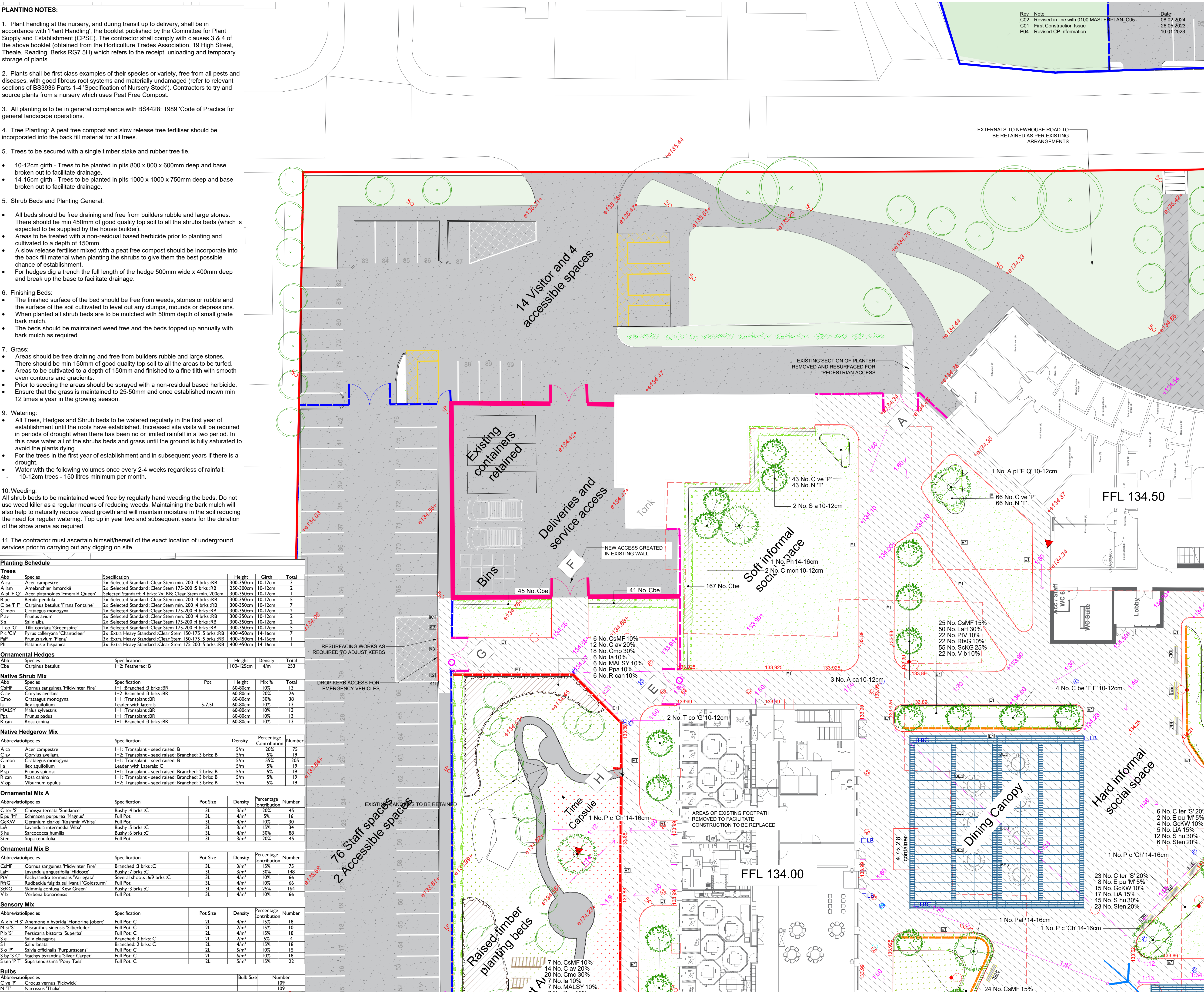
Native Hedgerow Mix					
Abb	Species	Specification	Density	Percentage Contribution	Number
A ca	Acer campestre	1+1: Transplant - seed raised: B	5/m	20%	75
C av	Corylus avellana	1+2: Transplant - seed raised: Branched: 3 brks: B	5/m	5%	19
C mon	Crataegus monogyna	1+1: Transplant - seed raised: B	5/m	55%	205
la	Ilex aquifolium	Leader with Laterals: C	5/m	5%	19
P sp	Prunus spinosa	1+1: Transplant - seed raised: Branched: 2 brks: B	5/m	5%	19
R can	Rosa canina	1+1: Transplant - seed raised: Branched: 3 brks: B	5/m	5%	19
V op	Viburnum opulus	1+2: Transplant - seed raised: Branched: 3 brks: B	5/m	5%	19

Ornamental Mix A					
Abb	Species	Specification	Pot Size	Density	Percentage Contribution
C ter 'S'	Choisya ternata 'Sundance'	Bushy 4 brks :C	3L	3/m²	20%
E pu 'M'	Echinacea purpurea 'Magnus'	Full Pot	3L	4/m²	5%
GcKW	Geranium 'clarkii' 'Kashmir White'	Full Pot	3L	4/m²	10%
LA	Lavandula intermedia 'Alba'	Bushy 5 brks :C	3L	3/m²	15%
S hu	Sarcococca humilis	Bushy 6 brks :C	3L	4/m²	30%
Sten	Stipa tenuifolia	Full Pot	3L	3/m²	20%

Ornamental Mix B					
Abb	Species	Specification	Pot Size	Density	Percentage Contribution
CsMF	Cornus sanguinea 'Midwinter Fire'	Branched 3 brks :C	3L	3/m²	15%
LaH	Lavandula angustifolia 'Hidcot'	Bushy 7 brks :C	3L	3/m²	30%
PaV	Pachyandra terminalis 'Variegata'	Several shoots 6/9 brks :C	3L	4/m²	10%
RdG	Rudbeckia fulgida sultanii 'Goldstrum'	Full Pot	3L	4/m²	10%
SKG	Skimmia confusa 'Kew Green'	Bushy 3 brks :C	3L	4/m²	25%
V b	Verbena bonariensis	Full Pot	3L	4/m²	10%

Sensory Mix					
Abb	Species	Specification	Pot Size	Density	Percentage Contribution
A x h 'H S'	Anemone x hybrida 'Honorable Jobert'	Full Pot: C	2L	4/m²	15%
M si 'S'	Miscanthus sinensis 'Silberfeder'	Full Pot: C	2L	2/m²	15%
P b 'S'	Persicaria bistorta 'Superba'	Full Pot: C	2L	4/m²	15%
S e	Salix elaeagnos	Branched 3 brks: C	2L	2/m²	5%
S l	Salix lanata	Branched 2 brks: C	2L	4/m²	15%
S o 'P'	Salvia officinalis 'Purpurascens'	Full Pot: C	2L	5/m²	10%
S by 'S C'	Stachys byzantina 'Silver Carpet'	Full Pot: C	2L	6/m²	10%
S ten 'P T'	Stipa tenuissima 'Pony Tails'	Full Pot: C	2L	5/m²	15%

Bulbs		
Abb	Species	Bulb Size
C ve 'P'	Crocus vernus 'Pickwick'	109
N 'T'	Narcissus 'Thalia'	109



- SITE**
- EXISTING TREES TO BE RETAINED**
To be protected during the construction works to B55837:2012. Refer to Arboricultural Impact Assessment
- Q30 AMENITY GRASS SEEDING**
To be sown with Germinal Amenity 'WFG20 Eco Species Rich Lawn', or equal approved at a rate of 5g/m². 150mm topsoil required (Q28:701).
- Q30 MEADOW GRASS SEEDING**
To be sown with Germinal Amenity 'WFG15 Countryside, School and College' Mix, or equal approved at a rate of 5g/m². 150mm topsoil required (Q28:701).
- Q30 SPORTS TURF SEEDING**
To be sown with Germinal Amenity 'A30 Rapid Sports Renovator Plus' Mix, or equal approved at a rate of 35g/m². Topsoil and subsoil requirements to STR1 Pitch specification.
- Q31 EXTRA HEAVY STANDARD TREE PLANTING**
Ornamental trees planted as Extra Heavy Standards, 14-16cm girth, 425-600cm ht, clear stem 175-200cm; root-balled, 2x transplanted, 4-5 brks. Supplied with single short stake and irrigation. 400mm topsoil on top of 500mm subsoil (Q28:701).
- Q31 STANDARD TREE PLANTING**
Ornamental and Native trees to be planted as Selected Standards, 10-12cm girth, 300-350cm ht, clear stem 175-200cm; root-balled, 2x transplanted, 4-5 brks. Supplied with single short stake and irrigation system. 400mm topsoil on top of 500mm subsoil.
- Q31 NATIVE HEDGE PLANTING**
Native trees and shrub mix to include *Acer campestre*, *Crataegus monogyna*, *Corylus avellana*, *Ilex aquifolium*, *Prunus spinosa*, *Rosa canina*, *Viburnum opulus*. Planted as 60-80cm, bare root, 1+1: Transplant - seed raised; branched. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a density of 5/m². 400mm topsoil depth required (Q28:701). 75mm medium grade bark mulch.
- Q31 NATIVE SHRUB MIX**
Native shrub mix to include planted as 60-80cm, bare root, 1+1: Transplant - seed raised; branched. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a density of 5/m². 400mm topsoil depth required (Q28:701). 75mm medium grade bark mulch.
- Q31 ORNAMENTAL HEDGE PLANTING**
Single species ornamental evergreen hedge planted as 100-120cm, bare root, 1+1: Transplant - seed raised; branched. Planted with biodegradable spiral guards and bamboo canes in a double staggered row, at a density of 5/m². 400mm topsoil depth required (Q28:701). 75mm medium grade bark mulch.
- Q31 ORNAMENTAL PLANTING**
Mix of nectar-producing shrubs and perennial species suitable for attracting invertebrates and ornamental grasses. 2-3L stock planted at a density of 5/m². Beds to be finished with 75mm depth medium grade bark mulch. 400mm topsoil depth required (Q28:701).
- Q31 BULB PLANTING**
Drifts of Spring-flowering bulbs planted at a rate of 15-20/m² e.g. *Narciss*, *Galanthus*, *Crocus* sp.



DEP

DEP LANDSCAPE ARCHITECTURE LTD

**2 COMMERCIAL STREET
MANCHESTER, M15 4RQ**

**T: 0161 241 9878
E: info@dep.co.uk
W: www.dep.co.uk**

Client
Morgan Sindall

Project
Newhouse Academy, Rochdale

Description
PLANTING PLAN 1 of 4

Status **Drawn**

Construction **AH**

Scale
1:200 @ A1

Drawn number
SRP1019-DEP-ZZ-00-DR-L-0201

Job number (Internal) **Date** **Revision**

4847 26.05.23 C02

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All levels and dimensions to be checked on site by contractor prior to commencement. Any variations to be reported to the client. This drawing is to be read in conjunction with all others relating to the project and all information derived accordingly; any anomalies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawings to be carried out in accordance with current British Standards and Codes of Practice.

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