HATCHED AREA INDICATES TREE PRESERVATION ORDER - NO 08/13/SC (AREA A2)

HISTON ROAD

EXISTING HEDGEROW AND TREES RETAINED

NEW PUBLIC FOOTPATH

NEW CYCLEWAY

MOWN PATH

2.5M WIDE MOWN PATH THROUGH PUBLIC OPEN SPACE

ATTENUATED LAND TO PROVIDE PERIODIC FLOOD RETENSION IN TIMES OF HEAVY RAINFALL

AREA OF LANDSCAPE GRADED OUT TO PROVIDE MORE USABLE PUBLIC OPEN SPACE

01/108

KEY

SITE BOUNDARY

INFRASTRUCTURE RED LINE APPLICATION BOUNDARY (SCDC) - EXTENT OF DETAILED DESIGN

HARD LANDSCAPE

NEW FOOTPATH LINKS
2m Wide black SMA or Black Asphalt Cement surfacing, Refer to Engineer's drawings for details

ORBITAL CYCLE ROUTE
3m Wide high quality SMA with red surfacing finish to Cambridge City Council standard specification, Refer to Engineer's drawings for details

LANDSCAPE ELEMENTS

NATURAL LOG PLAY AREAS
Hardwood play tree trunks prepared for use in public realm, Refer to dwg 628.2-306/ Detail 04 for details. Sizes approx. 500 - 1200mm dia. x various lengths. All tree trunks to be low level, suitable for seating/ climbing & securely fixed into ground with stakes.

CULVERTS AND UNDERGROUND PIPEWORK
Indicative location of underground interconnecting pipework between swales and ponds. Refer to Engineers details for culvert and headwall details.

PROPOSED LIGHTING COLUMNS
New ligting columns to MMA Lighting Consultancy details

ROOT DEFLECTOR MEMBRANE
Linear root deflector to protect services within 3m of tree planting and to prevent tree roots penetrating highway construction, Temarn Rootguard (Tel: 01621 874200) or similar approved

UNDERGROUND PIPEWORK/ SERVICES
Indicative location of underground interconnecting pipework for surface water and foul sewers, Refer to Engineers details for details on services, depths and detailed locations

SOFT LANDSCAPE

EXISTING TREES *[refer to 2-004 for specification notes]*
Existing trees located with established hedgerows/ site boundary to be retained

PRIMARY STREET TREES
Tree species will reinforce proposed street hierarchy & develop distinct variety & scale, Trees to be Standard (Light), 2x transplanted, 8-10cm girth, 250-300cm overall height, Trees supported by underground guying, Species to be *Corylus columa* as agreed with Cambridge City Council, Refer to dwg 628.2-305/ Detail 04 for Street tree pit details (for CCC) and refer to dwg 628.2-300/ Detail 03 for Street tree pit details (for SCDC)

FEATURE TREE PLANTING
Trees to provide 'feature' specimen planting to key public open spaces to provide seasonal interest and focal points along footpaths and entrances, adjacent to play areas and within grassland, Trees to be Standard (Standard) 2x transplanted, 300-350cm overall height, Trees supported by short timber double stake with adjustable bio-degradable tie, Species to include but not limited to: *Fagus sylvatica 'Purpurea', Quercus robur, Salix alba (no closer than 5m adjacent to water bodies/ courses)* Refer to dwg 628.2-305/ Detail 05 for Standard tree pit details (for CCC) and refer to dwg 628.2-300/ Detail 02 for Standard tree pit details (for SCDC)

NATURALISTIC TREE PLANTING
Trees planted throughout site to improve diversity & provide buffer planting to site boundaries and green corridors.

Type 1: General planting areas - trees to be feathered whips 2x transplanted, bare root, 125-150cm high, supported by single timber stake, Refer to dwg 628.2-305/ Detail 02 for Feathered Whip tree pit details (for CCC) and refer to dwg 628.2-300/ Detail 04 for Feathered Whip tree pit details (for SCDC)

Type 2: Edge of footpaths - Standard (Standard) 2x transplanted, supported by short timber double stake with adjustable bio-degradable tree tie & Multi-stems to be 2x transplanted, 250-300cm high, supported by single stake laid at 45° angle,Refer to dwg 628.2-045/03 & 05 for Standard & Multi-Stem tree pit details (for CCC) and refer to dwg 628.2-045/02 & 06 for Standard & Multi-Stem tree pit details (SCDC), Species to include; *Acer campestre, Alnus glutinosa, Betula pendula, Carpinus betulus, Crataegus laviigata, Crataegus monogyna, Quercus petraea, Sorbus aucuparia, Tilia cordata, Tilia tormentosa*

EXISTING HEDGE - RETAINED
Existing areas of hedgerow retained and incorporated within structure of new planting proposals to create variety and form

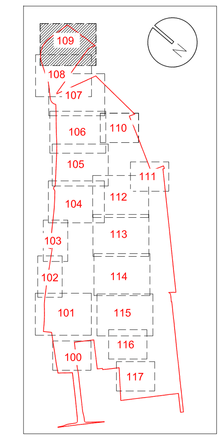
BUFFER PLANTING
A native buffer planting mix to provide a layered and diverse screen planting, Species supplied as 1+1 bare root whips, 40-60cm high with Spiral Tree Guard & cane support, Spacing to be 1m centres and planted in groups of 3,5,7 and 9, Species to include; *Acer campestre* (7.5%), *Betual pendula* (7.5%), *Corylus avellana* (5%), *Crataegus monogyna* (10%), *Euonymus europaeus* (5%), *Ilex aquifolium* (15%), *Ligustrum vulgare* (15%), *Quercus robur* (5%), *Rosa arvensis* (10%), *Sambucus nigra* (10%), *Salix caprea* (5%), *Sorbus aria* (5%), Refer to dwg 628.2-305/01 for Bareroot Whip planting details (for CCC) and refer to dwg 628.2-300/03 for Bareroot Whip planting details (for SCDC)

AMENITY GRASSED AREAS
Areas of low maintenance amenity grass seed, sown onto min. 300mm depth topsoil maintained 26x/ year - 'A4 (Low Maintenance Areas)' seed mix as supplied by British Seed Houses, Species to include; *Festuca rubra rubra* (40%), *Festuca rubra commutata* (30%), *Festuca ovina* (25%), *Agrostis capillaris* (5%), Refer to dwg 628.2-307/06

ROUGH GRASSED AREAS
Rough grassed areas, sown onto min, 300mm depth topsoil maintained 6x/ year - 'EM10 Tussock Mixture' as supplied by Emorsgate, Species to include but not limited to; *Achillea millefolium, Centaurea nigra, Cynosurus cristatus, Daucus carota, Dipsacus fullonum, Festuca rubra, Holcus lanatus, Vicia cracca*. Refer to dwg 628.2-307/06

SEED MIX TO SWALES/ PONDS/ ATTENUATED LAND
Water tolerant seed mix to establish along length of swales, Areas to be maintained 3x/ year - 'EM8 Meadow Mixture for Wetlands' as supplied by Emorsgate, Species to include but not limited to; *Achillea millefolium, Agrostis capillaris, Centaurea nigra, Cynosurus cristatus, Festuca rubra, Primula veris, Ranunculus acris, Rumex acetosa, Vicia cracca*

NOTES



02/109 **LOCATION PLAN OF DRAWING**
NTS

E 20.12.13 RT MJ
DWG, AMENDED INLINE WITH CCC COMMENTS

D 02.10.13 RT MJ
DWG, AMENDED INLINE WITH CCC COMMENTS

C 23.09.2013 MJ AR
BOUNDARY UPDATED FOR CLARITY, ORBITAL AND FOOTPATH LOCATION SWITCHED, TREE SPECIES AMENDED TO MATCH CCC SUGGESTED SPECIES LIST, DWG CUT LINE AMENDED DWG.NO. UPDATED AND NOTES ADDED

B 23.01.2013 MJ AR
DRAWING UPDATED IN LINE WITH SCDC COMMENTS, KEY UPDATED ACCORDINGLY, EXTENT OF VIEWPORT AMENDED FOR CLARITY, ASH REMOVED FROM PROPOSALS, DRAWING STATUS CHANGED TO PLANNING

A 24.10.2012 EP AR
DRAWING UPDATED AS PER DESIGN TEAM COMMENTS 24.10.2012 AND ISSUED AS WORK STAGE D INFORMATION

FOR PLANNING

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client
BARRATT EASTERN COUNTIES

project
DG 1 - FIRST ACCESS, DRAINAGE & OPEN SPACE RM APP (SOUTH CAMS)

title
ATTENUATED LANDSCAPE GA - SHEET 02 (of 02)

scale 1:200@A0
date 16.08.12
drawn SP
checked AR
drawing number 628.2-109
revision E

THIS DRAWING IS SUBJECT TO LOCAL AUTHORITY APPROVALS AND FURTHER DETAILED DESIGN

THIS DRAWING IS FOR PLANNING SUBMISSION PURPOSES ONLY AND SHOULD NOT BE USED FOR TENDER OR CONSTRUCTION

REFER TO ENGINEERS DRAWINGS FOR DETAILED DRAINAGE & STRUCTURAL SPECIFICATION

0m 10m 20m
5m

DO NOT SCALE FROM THIS DRAWING
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01/109 **ATTENUATED LANDSCAPE**
1:200