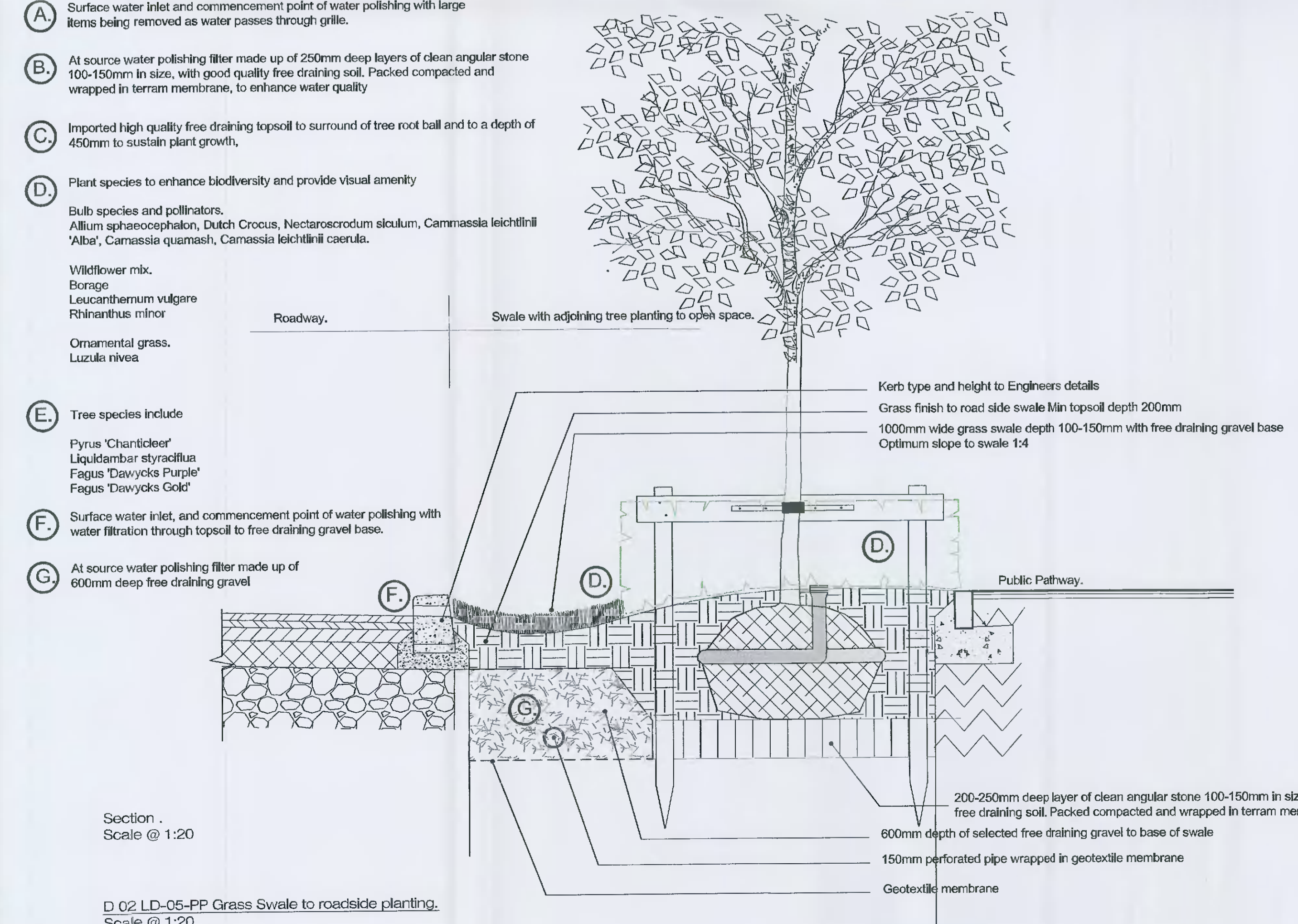


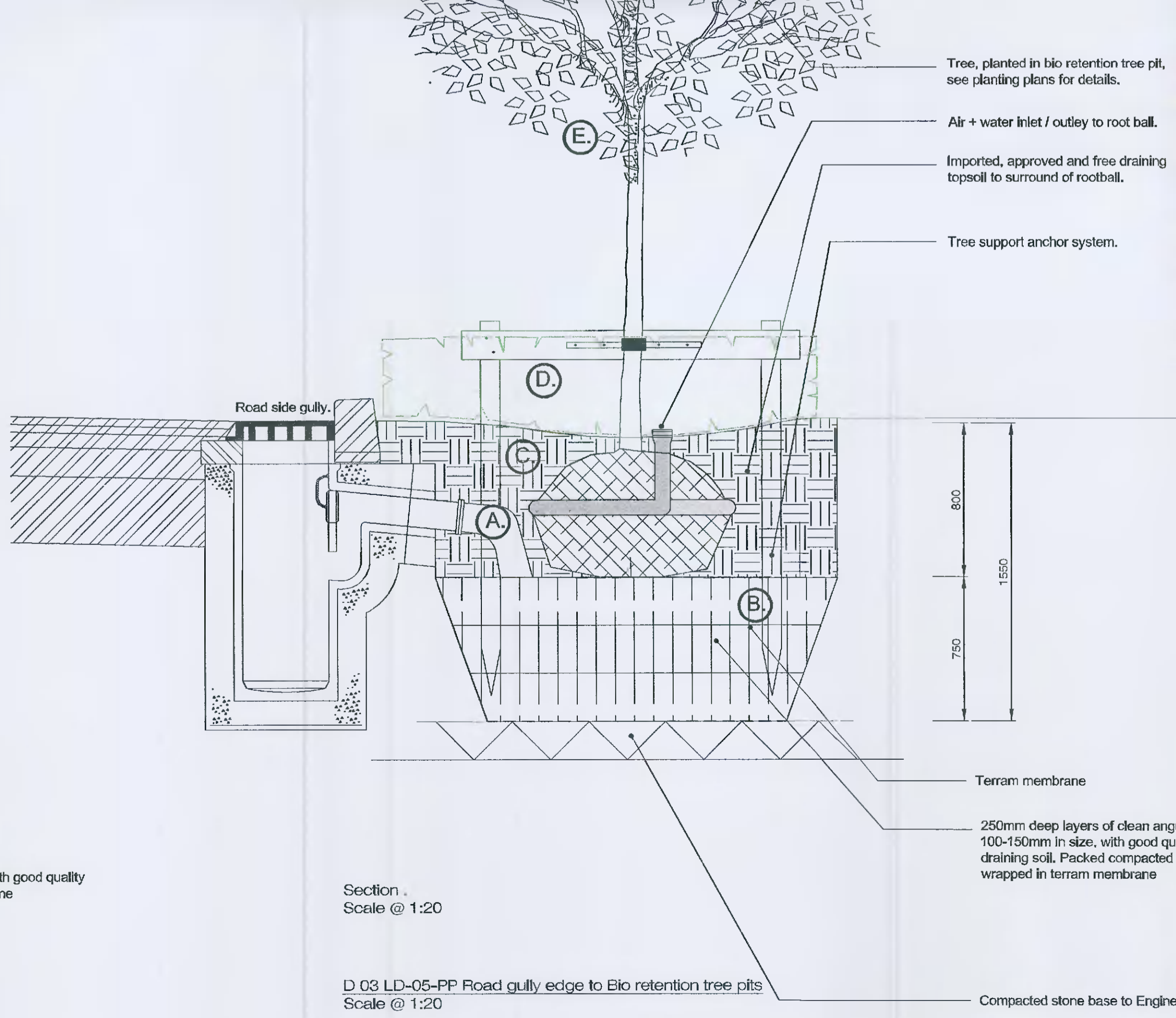
Section .
Scale @ 1:20
D 01 LD-05-PP Roadway edge Bio retention tree pit .
Scale @ 1:20

Surface water retention system with source water polishing.

- (A) Surface water inlet and commencement point of water polishing with large items being removed as water passes through grille.
- (B) At source water polishing filter made up of 250mm deep layers of clean angular stone 100-150mm in size, with good quality free draining soil. Packed compacted and wrapped in terram membrane, to enhance water quality
- (C) Imported high quality free draining topsoil to surround of tree root ball and to a depth of 450mm to sustain plant growth,
- (D) Plant species to enhance biodiversity and provide visual amenity
Bull species and pollinators.
Allium sphaerocephalon, Dutch Crocus, Nectaroscordum siculum, Camassia leichtlinii 'Alba', Camassia quamash, Camassia leichtlinii caerulea.
Wildflower mix.
Borage
Leucanthemum vulgare
Rhinanthus minor
Ornamental grass.
Luzula nivea
- (E) Tree species include
Pyrus 'Chanticleer'
Liquidambar styraciflua
Fagus 'Dawycks Purple'
Fagus 'Dawycks Gold'
- (F) Surface water inlet, and commencement point of water polishing with water filtration through topsoil to free draining gravel base.
- (G) At source water polishing filter made up of 600mm deep free draining gravel



Section .
Scale @ 1:20
D 02 LD-05-PP Grass Swale to roadside planting.
Scale @ 1:20



Section .
Scale @ 1:20
D 03 LD-05-PP Road gully edge to Bio retention tree pits
Scale @ 1:20



Rev.	Date	Note

Project name: Aderrig Phase 2 Residential Development	Project number: 17-064
Drawing name: Hardworks Landscape Bio-retention Tree Pit Details	Drawing number: LD-05-PP

Drawing scale @ A1: 1:20	Drawn by: d+ot	Checked by: ld
Status: Planning Application	date: 17.05.2021	

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