



Notes:

- A. New school entrance:** reduced carriageway, o/a width 5000mm.; widened footway incorporating linear SUDS planters, o/a width approx. 4020mm; range of new street trees and planting within new tree pits and SUDS beds; form new tree pits to existing Plane trees.
 - B.** Vehicle turning area.
 - C. New modal filter at junction with Coppermill Lane.** To incorporate; level table (with adjacent footway); new tree pits located in existing carriageway; ramp from carriageway level; range of bollards; and central section with special pavers.
 - D. New carriageway table and linked Blended Crossing at Morland Road (adjacent LNCA scheme).** To incorporate: extended raised level table to extents as shown; widened pedestrian crossing (o/a width approx. 6000mm) and new tactile paving; new carriageway resurfacing; and new road markings.
 - E. Edward Road SUDS gardens:** Design standard is for a 1 in 5 year event, assuming depth of rainfall is 20mm. (Standards as set out in 'Design Rain Gardens', UDL).
 - Current catchment area (including footways) = 340m²
 - Surface area of SUDS gardens = 34m² (i.e. 10% of catchment area)
 - Depth of freeboard to be 150mm
 - Depth of sub-base to be 350mm
 - Volume of storage = 8.67m³ (i.e. exceeding standard)
 - F.** SUDS garden build-up and drainage:
 1. Free draining topsoil layer: 350mm depth - 50% existing soil, 45% loam, 5% organic matter.
 2. Separation layer: hessian lining (or similar)
 3. Subbase : 350mm depth - 20mm diam. angular stone granular infill.
 4. 100mm diam. perforated pipe fine drain (wrapped in geotextile) forming link between planting bays and to connect to lowest level road gully.
 5. Planting TBC
 - F.** New special footway surface finish at entrances to School. Pattern TBC.
 - g.** Special granite units (Silver / grey) incorporating engraved text.
 - h.** Proposed maximum extents of street parking bays. To be minimum 8000mm spacing from rear line of new modal filter.
1. Carriageway markings and signage are indicative and are to comply with TSRGD2016 and subsequent amendments.
 2. All yellow lines to be marked at 50mm width.
 3. All bay markings to be 1.8m wide unless otherwise specified.
 4. All new street furniture to be supplied BS00E53 black & all allocated street furniture is to be painted black unless otherwise specified.
 5. All street furniture (including electrical items) to be located a minimum of 0.45m back from the roadside kerb face.
 6. All new sign posts are to be 0.75m diameter steel posts unless otherwise stated and are to have end caps fitted. Signs are to be made from Dimonda Grade VIP reflective material unless otherwise specified - back of all signs to be black.
 7. The bottom edge of all signage is to be a minimum of 2.4m from footway level. The edge of all signage is to be a minimum of 0.45m from the edge of the carriageway (sign to be offset on post if necessary).
 8. All carriageway markings shown in blue and yellow are new markings to be laid as part of this scheme. All carriageway markings shown in red are to be burnt off as part of this scheme. All carriageway markings shown in grey are existing and are to remain.
 9. All existing S.U. covers that fall within the extents of the tactile paving are to be replaced with inset covers and tactile paving is to be laid within. No new draw pits are to be constructed within the extent of the tactile paving.
 10. All existing granite kerbs that are removed to make way for the new works are to be retained and re-used in scheme in areas as highlighted in drawing.

- Existing kerbs to remain
- New kerbs to be 305mm and 150mm granite kerbs (914mm lengths). Kerb height to be 100mm above carriageway level unless otherwise specified.
- New kerbs to be 150mm granite kerbs (914mm lengths) forming SuDS planter. Carriageway facing units to be set at 25mm spacings. Kerb height to be 100mm above carriageway. Footway kerb to be level with footway.
- New 305mm and 150mm granite kerbs (914mm lengths) laid flush across table tops and ramps.
- Re-used 305mm granite kerbs to form tree pit edging.
- Taper granite kerbs laid with slope of 1 in 15
- Charcon Andover textured units: 100x200x80mm; colour ref: Medium Grey (approx. 70%) and Pink Granite (approx. 30%)
- Ramp behind modal filter: Weinburger blue, drag faced: 100x200x90mm units.
- Charcon Andover textured units: 100x200x80mm; colour ref: Medium Grey.
- Resin bound finish: Gaysha Clearmac Eco; ref: Country Buff.
- Tree pit finish: Supercedec. SuperCEDEC tree pit gravel, ref: Gold. Laid to manufacturers instructions. i.e. finish set on compacted free draining sub-base (eg. MOT Type 1), surface layer laid to thickness of 50mm after compaction.
- In-situ cast concrete graded unit. Brush concrete finish.
- New Silver Grey granite special units.
- Supply and install new gully
- Proposed H/W rooted bollard: 200mm diam circular section with flat top profile (woodsapce or Versa unit)
- Proposed H/W removable bollard: 300 x300mm square section with flat top profile (woodsapce or Versa unit)
- Proposed bespoke H/W timber plant bed barrier. Tops: 2 no. layers 200x100 Europen Oak QP1 grade PAR; Posts 100mm diam. rounded posts with M/S top plate.
- Existing gully
- Existing tree
- Proposed tree
- Existing Lamp post
- Existing sign posts
- Proposed cycle rack
- Existing utility cover
- Remove existing guardrails

**Coppermill Area Liveable Neighbourhoods
DETAIL DESIGN**

Coppermill School Entrance
 Drawing name: Proposed Plan
 Drawing No. : LNCA-28-02 A
 WIP ref: CLN-105_200
 Scale: 1: 200 @ A3
 Date: Mar20

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