

Existing gate to be replaced with a new heavy duty barrier with heavy duty combination lock, and a 1.6m gap to a timber fence for pedestrian, equestrian and cycle access.

**Rayner Lane**

450m of resurfacing with bitmac material, with minor vegetation clearance, to reinstate existing widths.

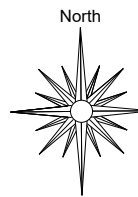
Proposed new bollards at 1.9m centres to restrict vehicular access. Central bollard to be lockable with drop-down facility

42m long, 2.5m wide parking area to keep Rayner Lane clear of obstructions

Path linking Rayner Lane to Metrolink Stop  
110m of resurfacing and widening with flexible pavement material, with minor vegetation clearance, to achieve a minimum width of 3.0m.

Signs to either side of crossing, "Cyclists Dismount" to TSRGD diag. no. 966 (S11.2.46), x-height = 30, 400mm wide x 170mm high, mounted at 2.1m.












Metrolink crossing to remain as existing



**Notes:**

1. Flexible Surfacing Material: Incorporating recycled rubber and stone aggregate, with a polyurethane binder. This has less rigidity and increased skid resistance when compared to traditional bitmac surfacing and can cater for a wide range of users, including pedestrians, cyclists and equestrian users.
2. Solar Studs: To be warm white solar studs, positioned in pairs, 300mm in from each edge. Spaced 10m apart on FlexiPaved areas and 20m apart on Bituminous Surfacing.
3. Road Studs: To be white retro-reflective road studs, positioned in pairs, 300mm in from each edge and spaced 20m apart on Bituminous Surfacing.
4. Soft spots associated with any excavation shall be identified and replaced with suitably compacted granular material to a depth to be agreed on site.

**Key:**

-  Proposed bitmac surfacing material with alternating Solar & Road Studs. New construction to comprise 300mm Type 1 sub-base, 60mm thick dense bit binder (20mm agg) and 30mm thick dense bit surface course (10mm agg). Excavation generally 300mm.
-  Proposed bitmac surfacing material with alternating Solar & Road Studs. Overlay existing, comprising patch repairs and regulate existing material, 60mm thick dense bit binder (20mm agg) & 30mm thick dense bit surface course (10mm agg).
-  Proposed flexible surfacing material with Solar Studs. FlexiPave to be HD1750, comprising a geotextile membrane, 150mm Type 3 sub base and 40mm FlexiPave. Excavation depth 135-190mm, refer to cross sections.
-  Vegetation clearance
-  Existing fencing to be removed
-  Proposed new paladin fencing to match existing
-  Proposed new timber fencing / chicane barriers to follow standard detail H15
-  Proposed new pedestrian kissing gate
-  Proposed new gate
-  Proposed new bollards
-  Proposed timber bench - Standard detail 'Bench Seat 002'

P05	11/12/2024	Update for Construction	FW
P04	12/11/2024	Detail Changes for Construction	FW
P03	20/10/2023	Sign locations revised	JS
Ref.	Date	Details	Initials

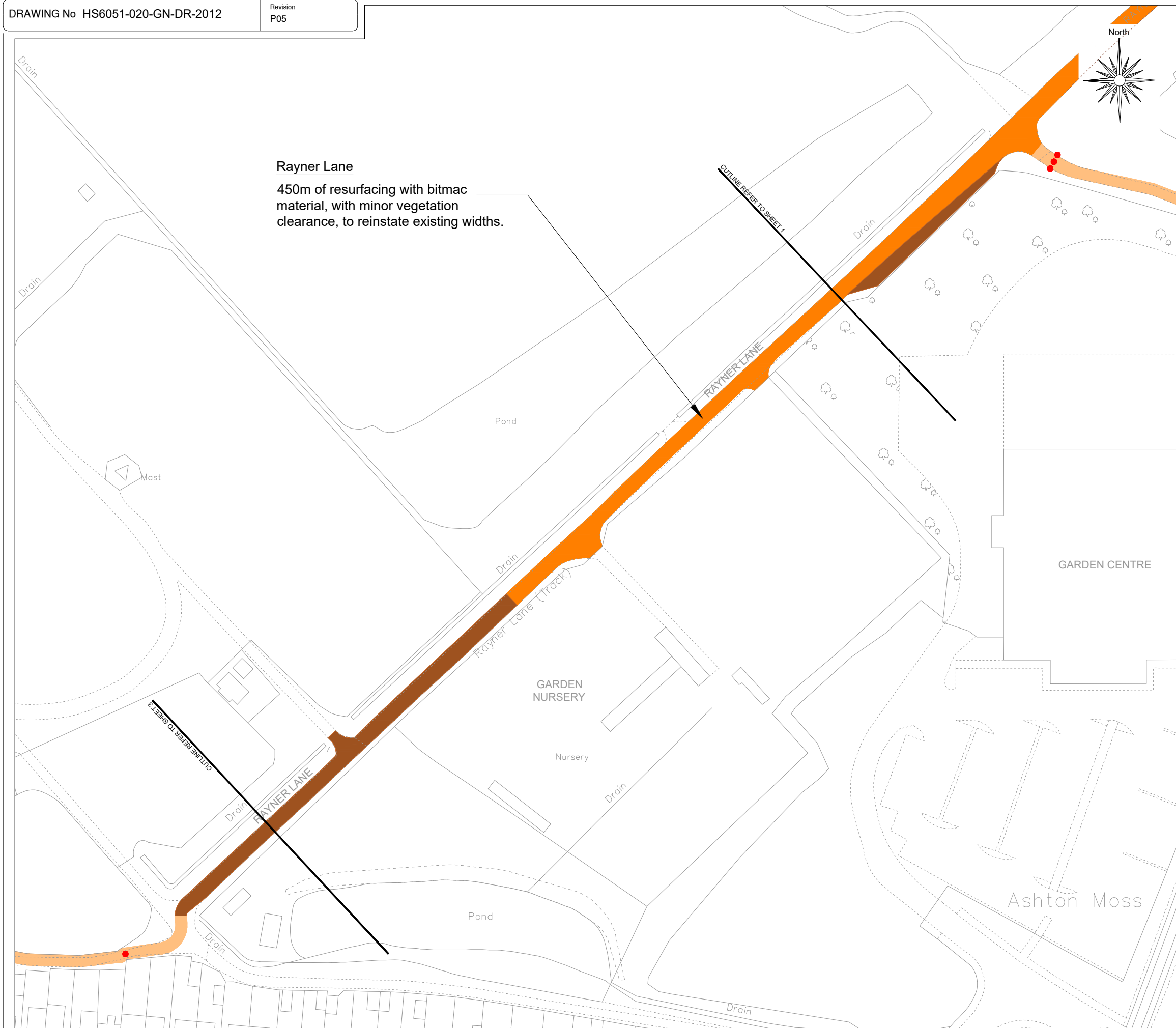
Revisions



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Title  
 The Mayor's Walking and Cycling Challenge Fund  
 Rayner Lane  
 General Arrangement Sheet 1

Scale	Drawn	Checked	Scheme ID
1:1000 @ A3	FW	JS	HS6051-020
	Date	Date	Drawing Status
	11/12/2024	11/12/2024	For Construction



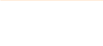





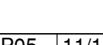
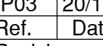



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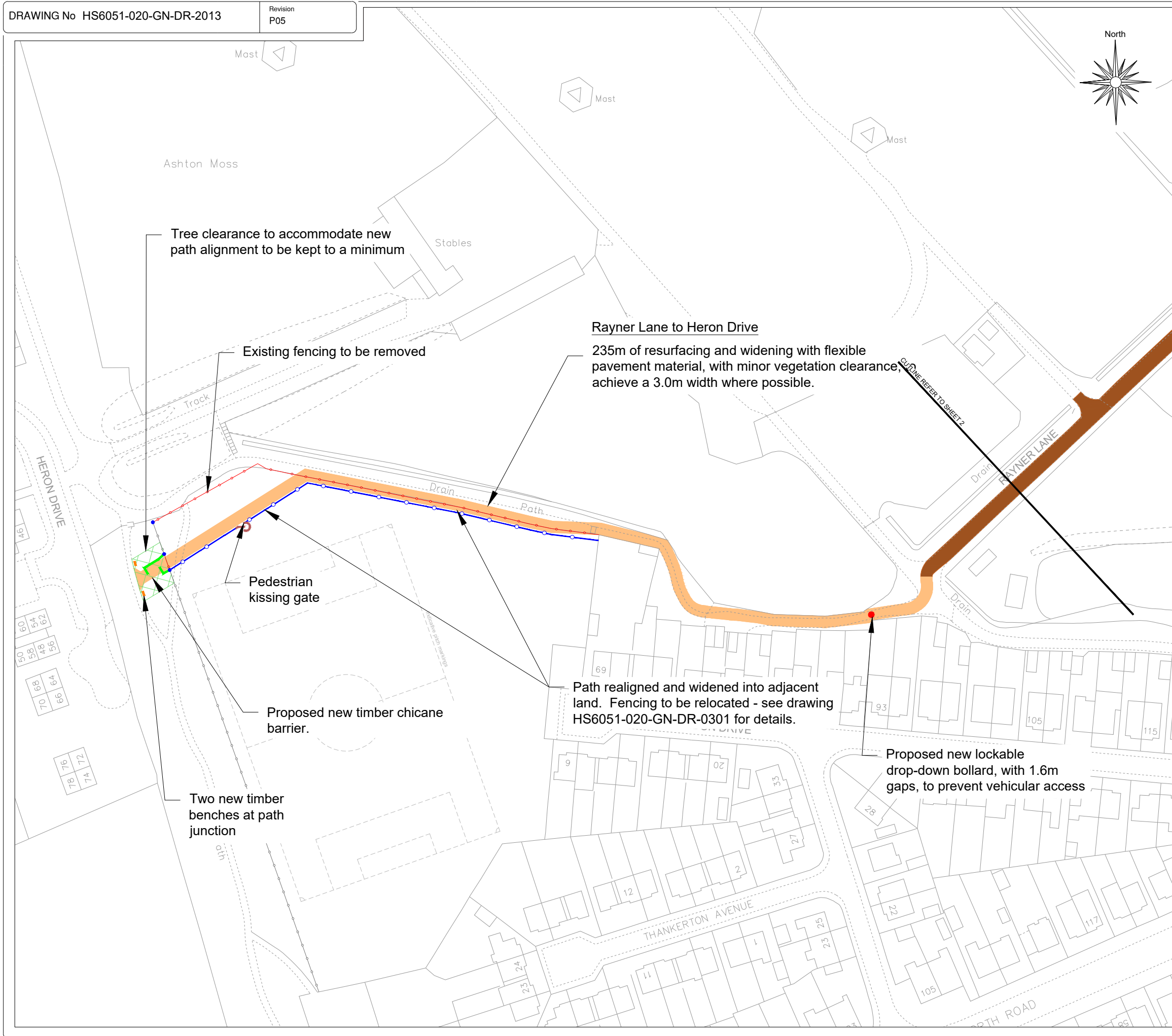
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Title  
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 Rayner Lane  
 General Arrangement Sheet 2












Scale	Drawn FW	Checked JS	Scheme ID HS6051-020
1:1000 @ A3	Date 11/12/2024	Date 11/12/2024	Drawing Status For Construction



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Title  
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 General Arrangement Sheet 3

Scale 1:1000 @ A3	Drawn FW	Checked JS	Scheme ID HS6051-020
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