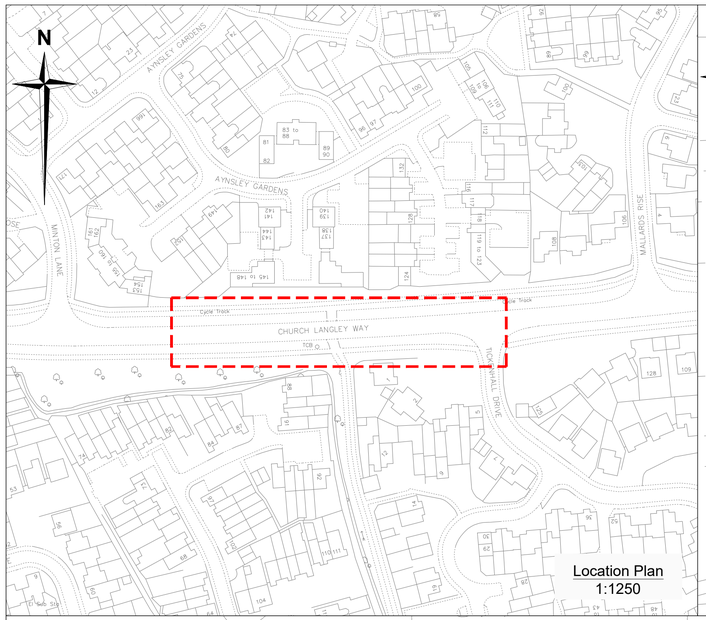
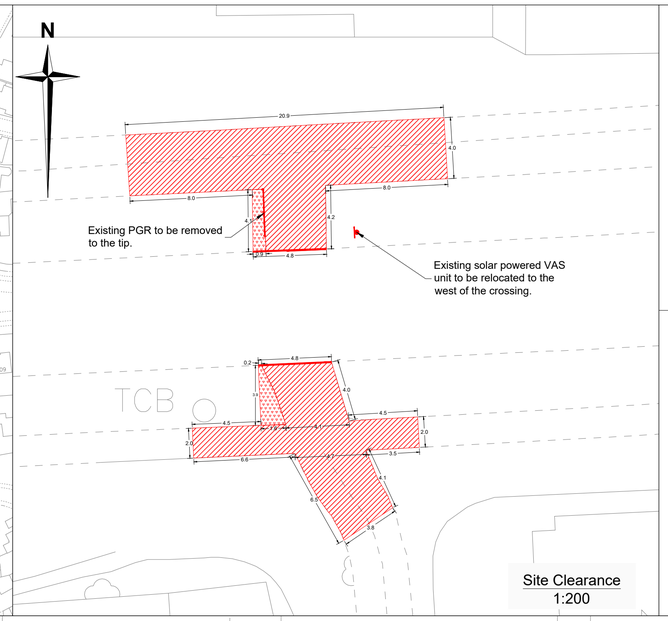


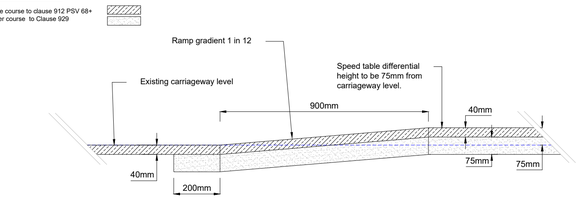
Location Plan
1:1250



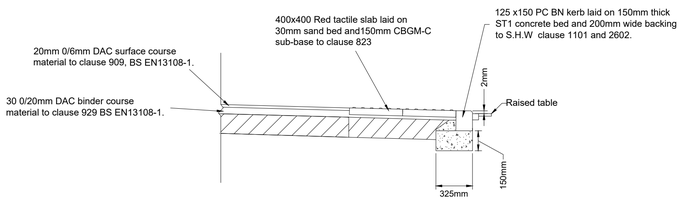
Site Clearance
1:200

RAISED TABLE & RAMP CONSTRUCTION

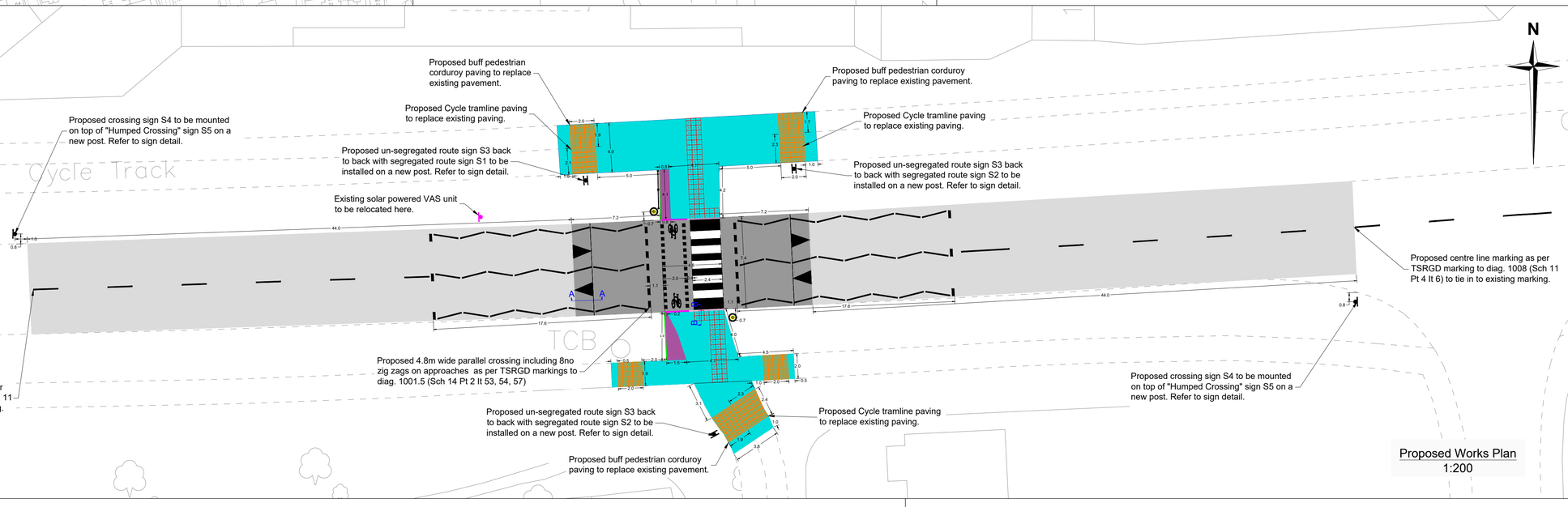
40mm 0/10 AC Surface course to clause 912 PSV 68+
75mm 0/20 DAC Binder course to Clause 929



Raised Table Cross Section A-A
NTS



Cross Section B-B
NTS



Proposed Works Plan
1:200

Notes

1. All works to be in accordance with the Department of Transports Specification for Highway Works and Essex County Council Specifications and Standard Construction Drawings.
2. All traffic signs and lines are to comply with The Traffic Signs Regulations and General Directions 2016. Markings are to be white thermoplastic screed with applied solid glass beads, unless otherwise stated.
3. The Contractor is responsible for the removal of all existing road markings affected by the works. The Contractor shall obtain the Engineer's approval to his proposed method of removing existing markings and shall not remove any existing markings without the prior approval of the Engineer.
4. Location of all new signs to be verified on site prior to erection. When erected sign plates shall have a desirable clearance of 1.0m from the edge of the carriageway. The absolute minimum clearance from the sign plate to the edge of carriageway shall be 450mm.
5. Drawings of existing Statutory Undertakers plant have been obtained and are included in the drawings provided to the Contractor. The Contractor shall be responsible for ensuring that all Statutory Undertakers plant is located prior to commencing works and the protection of such plant is required.

Key

- Area of interest.
- Proposed layout lining.
- Proposed tactile Paving to be 400 x 400mm Buff.
- Proposed Paving to be 400 x400 Buff Corduroy as per Detail B.
- Proposed sign & post. Refer to sign detail.
- Existing VAS unit to be relocated to the west of the crossing.
- Proposed belisha beacon.
- Existing PGR panels to be removed to tip.
- Proposed timber PGR panels to be as per Detail A. Length 3.0m.
- Existing pavement to be excavated to the depth 50mm. Area 168m².
- Existing verge to be excavated to the depth of 170mm. Area 7.2 m².
- Proposed footway resurfacing to be 30mm binder, 20mm surface course. Refer to section B-B. Area 168m².
- Proposed footway construction to be 100mm sub base, 50mm binder, 20mm surface course. Area 7.2 m².
- Proposed raised table to be as per section A-A. Area 143m².
- Mill out existing material up to 40mm depth and Inlay with 40mm hot rolled asphalt (clause 911/943, HRA 35/14 F surf des PMB WTRL + PCC 14/20, PSV65). Area 652 m².
- Existing kerb to be removed to depot for reuse. Length 9.6m.
- Proposed drop kerb with 25mm upstand. Length 4.3m.
- Proposed drop kerb with 6mm upstand. Length 5.4m.

Rev.	Date	Description of revision	Drawn	Checked	Review'd	Approv'd

DRAWING STATUS

Detailed Design

Essex Highways

Essex Highways, Seax House, Victoria Road South, Chelmsford, CM1 1QH.
Tel: 0345 6037631

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SCHEME TITLE

CHURCH LANGLEY WAY

DRAWING TITLE

Parallel Crossing Layout

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
BK	BK	SM	--	
DATE	DATE	DATE	DATE	DATE
FEB 20	FEB 20	FEB 20	--	

DRAWING UNITS U.N.O.
DIMENSIONS IN METERS
LEVELS IN METRES

SCALE AT A1 (841X594mm)
As Shown

DRAWING No.
LHAR173004-00-01

REV.
-

RINGWAY JACOBS
Integrated expertise

Essex County Council

S1 S2

Sign Reference	Diag. 957 (Sch 3, Pt 2, Item 32)
Height	450mm
Width	450mm
Area	0.16 m²
Material	Class R3B Microprismatic
Mount Height	2300

POST(S) & FOUNDATIONS	
Scheme Reference	
Proposal Name	LHAR173004 Segregated Route
Proposal Reference	
Author	BK
Description	
Illumination	No
Mounting Height	2300mm
Post Manufacturer	Generic Supplier
Post Model	Al 6063-T6/Round Post
Post Type	Aluminium/6063-T6
further post info	
Post Shape	Circle
Post Size	76.0mm diam x 3.0mm thickness.
Number	1
Centres	-
Length	Total = 3400.0mm, above ground = 2700mm
No. of Foundations	1
Foundation Depth	650.0mm
Foundation Width	300.0mm
Foundation Length	300.0mm
Foundation Volume	0.059m³
Earth Cover	150.0mm

S3

Sign Reference	Diag. 956 (Sch 3, Pt 2, Item 29)
Height	450mm
Width	450mm
Area	0.16 m²
Material	Class R3B Microprismatic
Mount Height	2300

POST(S) & FOUNDATIONS	
Scheme Reference	
Proposal Name	LHAR173004 Unsegregated Route
Proposal Reference	
Author	BK
Description	
Illumination	No
Mounting Height	2300mm
Post Manufacturer	Generic Supplier
Post Model	Al 6063-T6/Round Post
Post Type	Aluminium/6063-T6
further post info	
Post Shape	Circle
Post Size	76.0mm diam x 3.0mm thickness.
Number	1
Centres	-
Length	Total = 3400.0mm, above ground = 2700mm
No. of Foundations	1
Foundation Depth	650.0mm
Foundation Width	300.0mm
Foundation Length	300.0mm
Foundation Volume	0.059m³
Earth Cover	150.0mm

Proposed Sign Detail
(NTS)

S4

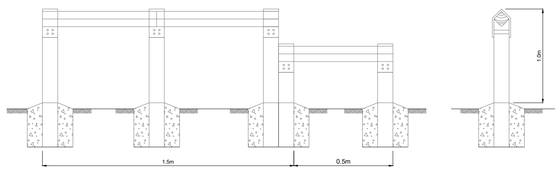
Sign Reference	544
Height	600mm
Width	679mm
Area *	0.24 m²
Material	Class RA2 (12899-1:2007)
Mount Height	2509

* Area reduced for rounded corners.

S5

Scheme Ref.	Church Langley Way		
Sign Ref.	547-8	x-height	62.5mm
Letter colour	BLACK	SIGN FACE	
Background	WHITE	Width	625mm
Border	BLACK	Height	359mm
Material	Class RA2 (12899-1:2007)	Area	0.222m²

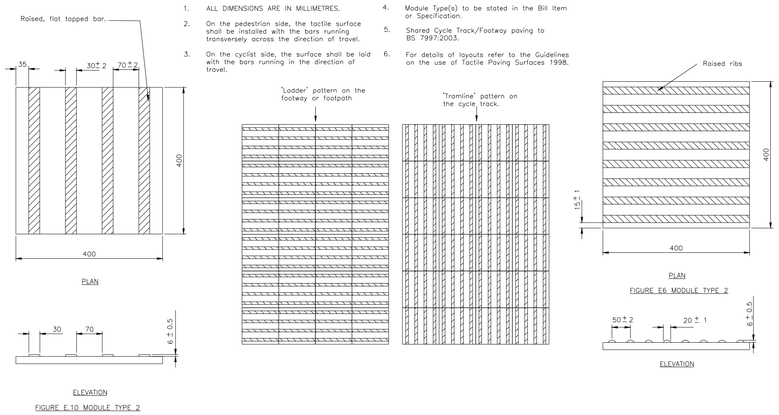
POST(S) & FOUNDATIONS	
Scheme Reference	LHAR173004
Proposal Name	Church Langley Way
Proposal Reference	Crossing & hump sign
Author	BK
Description	
Illumination	No
Mounting Height	2100mm
Post Manufacturer	Generic Supplier
Post Model	Al 6063-T6/Round Post
Post Type	Aluminium/6063-T6
further post info	
Post Shape	Circle
Post Size	76.1mm diam x 3.2mm thickness.
Number	1
Centres	-
Length	Total = 3909.0mm, above ground = 3059mm
No. of Foundations	1
Foundation Depth	650.0mm
Foundation Width	300.0mm
Foundation Length	300.0mm
Foundation Volume	0.059m³
Earth Cover	150.0mm



Standard Detail A - Pedestrian Guard Rail
NTS

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. On the pedestrian side, the tactile surface shall be installed with the bars running transversely across the direction of travel.
3. On the cyclist side, the surface shall be laid with the bars running in the direction of travel.
4. Module Type(s) to be stated in the Bill Item or Specification.
5. Shared Cycle Track/Footway paving to BS 7997:2003.
6. For details of layouts refer to the Guidelines on the use of Tactile Paving Surfaces 1998.



Standard Detail B - Segregated Shared Cycle Track & Footway Tactile Surface
NTS

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