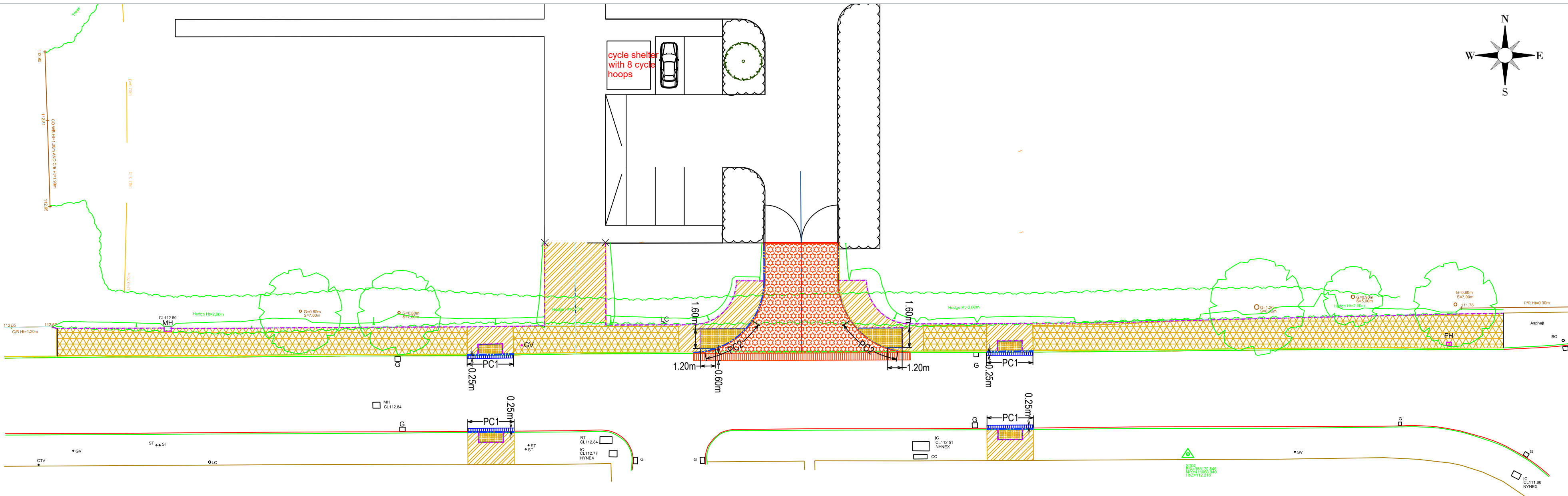
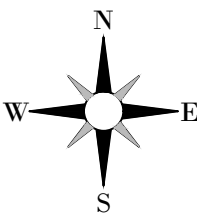
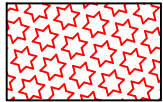
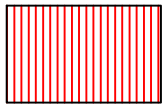




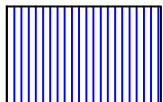
Series 700 Legend



Proposed road construction (assumed CBR <2%) - excavate 830 mm and construct:
40 mm AC 10 Dense Surf 100/150 on
60 mm AC 20 dense surf 100/150 on
180 mm AC 32 HDM base 40/60 on
550 mm sub base to clause 803 on

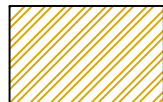


Resurfacing at school access at tie-in - cold plane existing bituminous surfacing max. 100 mm depth and reconstruct:
40 mm AC 10 Dense Surf 100/150 on
60 mm AC 20 dense surf 100/150 on
on bond coat C50 P4.
300 mm overlap minimum to each surfacing course.



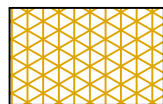
Resurfacing at new pedestrian dropped kerbs - excavate existing bituminous surfacing max. 335 mm depth and reconstruct:
40 mm AC 10 Dense Surf 100/150 on
ST4 concrete backfill.
C50 P4 bond coat to be applied to all surfaces prior to surface course being applied.

Series 1100 Legend

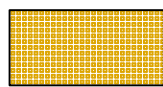


Footway Construction

Proposed footway construction:
20mm AC 6 dense surf 100/150 to clause 909
50mm AC 20 dense bin 100/150 to clause 906
150mm Type 1 unbound granular sub-base to clause 803



Proposed footway resurface:
20mm AC 6 dense surf 100/150 to clause 909
50mm AC 20 dense bin 100/150 to clause 906
on regressed Type 1 sub-base - regulated with Type 1 unbound granular sub-base where required



Proposed tactile footway construction FP/TB1:
70mm 450 x 450mm concrete blister flags - BUFF
15mm mortar bed
150mm ST2 Concrete.

Notes

Assumed Highway Boundary

(taken from <https://www.findmystreet.co.uk/>)
LTP accept no liability for accuracy of 3rd party data and it should be checked by a licensed conveyancer prior to agreement.

Precast Concrete Kerbs (PCK).

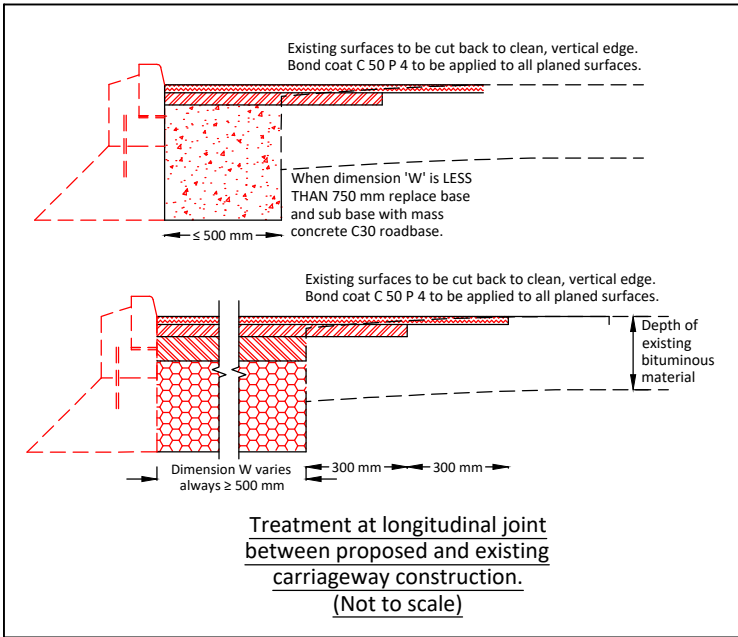
See Series 700& 1100 Standard Detail drawing: FS09110-LTP-ZZ-XX-D-H-0014.
All PCK to be Half Battered type K1 (100 mm check) unless shown otherwise:
DL1 = Dropper Kerb Left Handed Half battered to Bullnosed.
DR1 = Dropper Kerb Right Handed Half battered to Bullnosed.
K3 = Bullnosed Centre Stone - 0-6mm Check.

E1 = Pre cast concrete Edging.

Footway Crossings

Pedestrian Crossing point:
comprising of 1 no. DR1, K3 (BNC) kerbs 0-6 mm check (width = 2.0m) and 1 no. DL1.

Pedestrian Crossing point:
comprising of 1 no. DR1, K3 (BNC) kerbs 0-6 mm check (width = 1.6m) and 1 no. DL1.



Notes on new carriageway construction:

1. CBR testing to be undertaken in areas of new construction. Assumed CBR show as worst case scenario of <2%. Capping layer and Sub-base to be amended as per the results of the CBR test and in accordance with the table below.
2. The actual thickness of the sub base and capping layers (sub formation) shall be agreed with RMBC inspector after the CBR value has been established by site investigations and referral to the sub formation design detail.
3. The capping layer must comply with SHW Table 6/1, Type 6F5.
4. The foundation design shall not vary frequently along the road. An appropriate value shall be selected for each significant change in the sub-grade properties.
5. Where the equilibrium CBR falls between values in the table below, the value shall be rounded down to the lower value.
6. Note that the use of geotextiles must be agreed with RMBC officers.
7. Material within 450mm of the finished road surface must not be frost susceptible.
8. All material thickness must be confirmed in agreement with RMBC officers.

CAPPING LAYER AND SUB-BASE OPTIONS		
GROUND SUPPORT CBR (%)	CAPPING 6F5 (mm)	TYPE 1 SUB-BASE (mm)
<2	450	250 or (550 S/base only)
2 – 4.9	0	350
5 – 14.9	0	250
15 - 30	0	250
CAPPING SPECIFICATION		
1. Capping shall be Class 6F5 well graded crushed rock, crushed concrete complying with the following grading when tested in accordance with BS812		
BS SIEVE SIZE		% MASS PASSING
150mm		100
100mm		70 – 100
75mm		65 – 85
20mm		25 – 30
5mm		10 – 30
1.18mm		5 - 15
2. The material shall have 10% fines value of 50kN or more when tested in accordance with BS 812 except that samples shall be soaked in water at room temperature for 48 hours before testing without having been oven dried		

All construction materials subject to CBR testing and pavement investigation.

Exact extents of full construction and cold plane/overlay to be agreed on site with RMBC officers.

DRAWING SUBJECT TO APPROVAL FROM ALL RELEVANT AUTHORITIES - DO NOT CONSTRUCT UNTIL APPROVED

Disclaimers:-

- i. This drawing is copyright and must not be copied in part or in whole unless agreed in writing by Local Transport Projects Ltd.
- ii. Reference should be made to the project's drawing register to ensure the latest drawing is being referred to.
- iii. All dimensions are to be checked by the contractor prior to commencement of work. Any discrepancy shall be reported immediately to Local Transport Projects Ltd.
- iv. All work shall be carried out in accordance with local authority, statutory authority and health & safety requirements & regulations.
- v. This drawing is produced to be printed and read in colour. Reproduction in black and white may prevent correct interpretation of some aspects.
- vi. Based on a topographical survey provided by the Client (2023).



There are no specific Risks or Hazards identified by the Designer which a Competent Contractor should not already be aware of. If the Contractor considers otherwise, he must bring the matter to the attention of the Principal Designer at the earliest opportunity and in the meantime must not undertake any operation pertaining to that matter.

HEALTH AND SAFETY INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION:
- WORKS ADJACENT TO LIVE TRAFFIC
 - WORKS IN VICINITY OF LIVE SERVICES
- MAINTENANCE/CLEANING/OPERATION:
- WORKS ADJACENT TO LIVE TRAFFIC
 - WORKS IN VICINITY OF LIVE SERVICES
- DECOMMISSIONING/DEMOLITION:
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10mm

A2

Client

Tilbury Douglas Construction Ltd

Title

Series 700 & 1100
Pavements and Footways,
Kerbs and Paved Areas
Sheet 1 of 2

Status

FOR APPROVAL

Drawing number

FS0911-LTP-ZZ-XX-D-H-0013

Revision
P1

Drawn
CW

Date
07 09 23

Scale
1 : 250

Checked
KW

Approved
TK

Rev. Date By Chk Description

-	-	-	-	-

Project

Rochdale SEND
West Starkey Street - School Access