

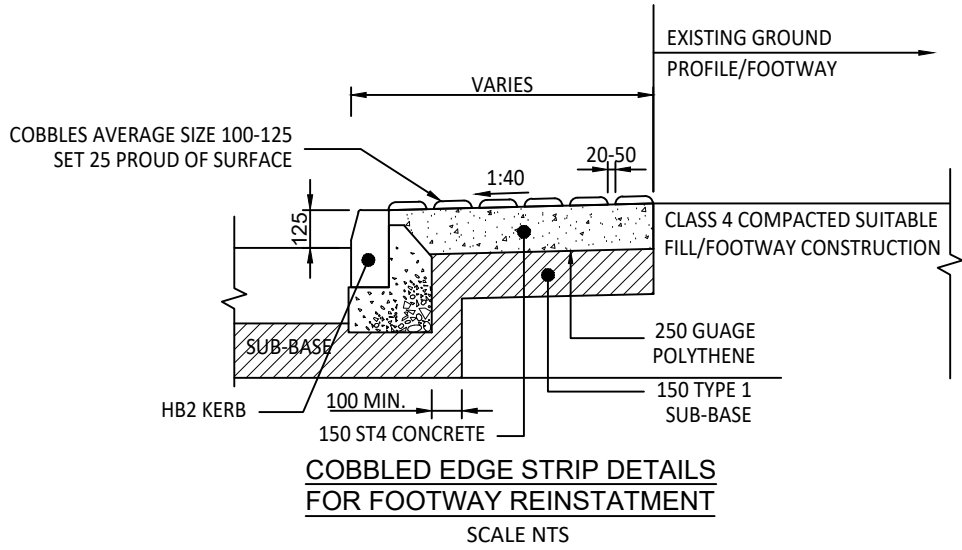
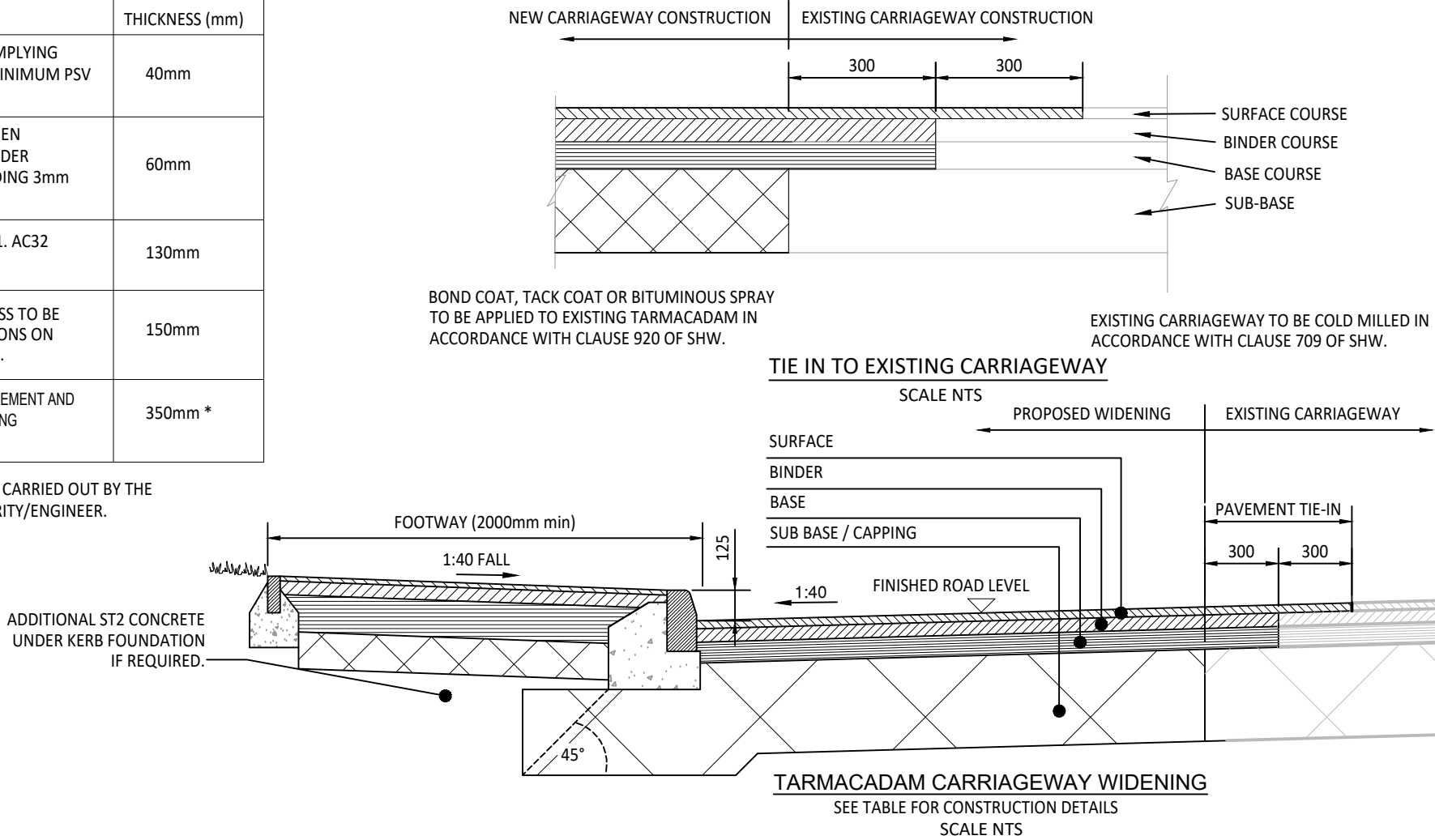
CARRIAGEWAY WIDENING

LAYER	SPECIFICATION	THICKNESS (mm)
SURFACE	HIGH STONE CONTENT HOT ROLLED ASPHALT (HRA) SURFACE COURSE COMPLYING WITH BS EN 13108-4 TABLE 4. 55/10F HRA SURF, BINDER GRADE 40/60, MINIMUM PSV = 60, MAXIMUM AAV = 14.	40mm
BINDER	DENSE BITUMEN MACADAM (DBM) BINDER COURSE COMPLYING WITH BS EN 13108-1. AC20 DENSE BIN, BINDER GRADE 100/150. SEALING GRIT FOR BINDER COURSE, IF REQUIRED, SHALL BE BITUMEN PRE-COATED GRIT, NOT EXCEEDING 3mm NOM. SIZE.	60mm
BASE	DENSE BITUMEN MACADAM (DBM) BASE COMPLYING WITH BS EN 13108-1. AC32 DENSE BIN, BINDER GRADE 100/150.	130mm
SUB BASE	TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. THICKNESS TO BE DETERMINED FROM CBR VALUE MEASURED ONSITE. ALL TEST AND DECISIONS ON SUB-BASE REQUIREMENTS ARE TO BE MADE BY THE HIGHWAY AUTHORITY.	150mm
CAPPING	CLASS 6F1 OR 6F2 GRANULAR CAPPING MATERIAL TO CLAUSE 613 OF SHW. REQUIREMENT AND THICKNESS DEPENDANT UPON CBR TESTING. ALL TESTS AND DECISIONS ON CAPPING REPLACEMENT ARE TO BE MADE BY THE HIGHWAY AUTHORITY.	350mm *

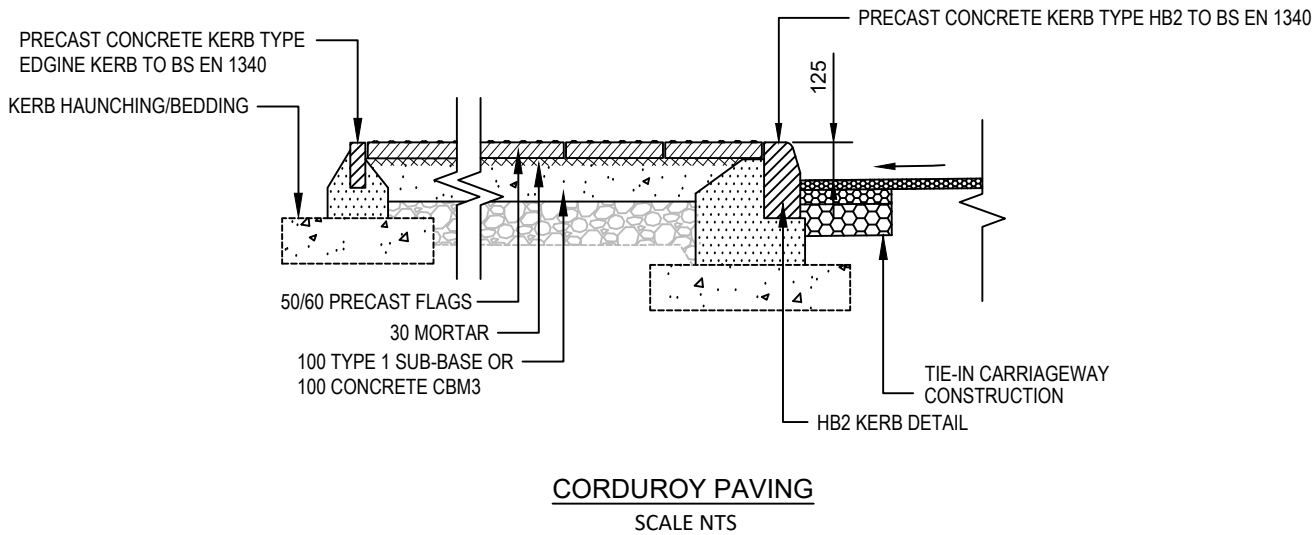
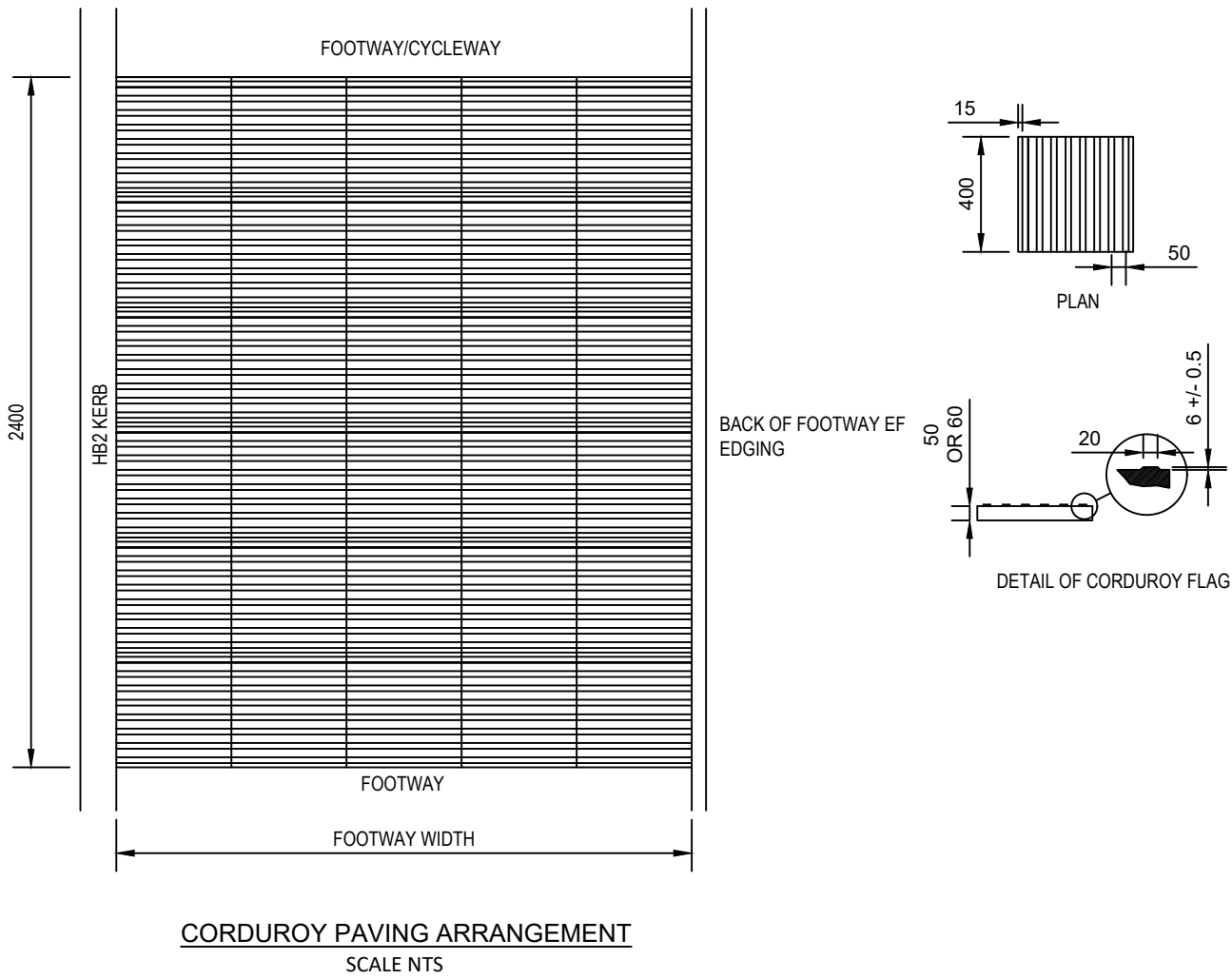
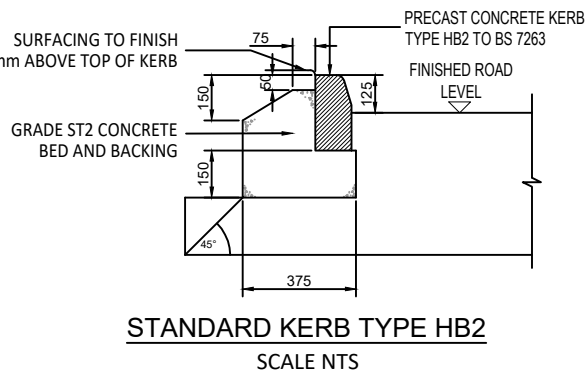
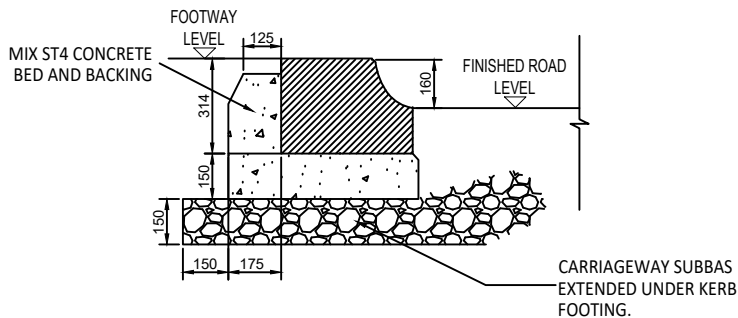
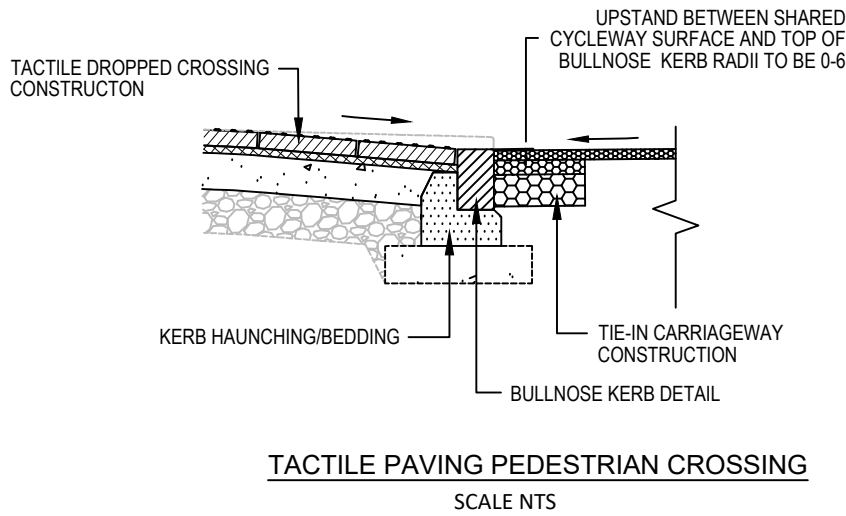
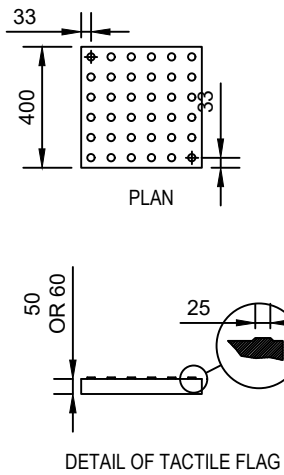
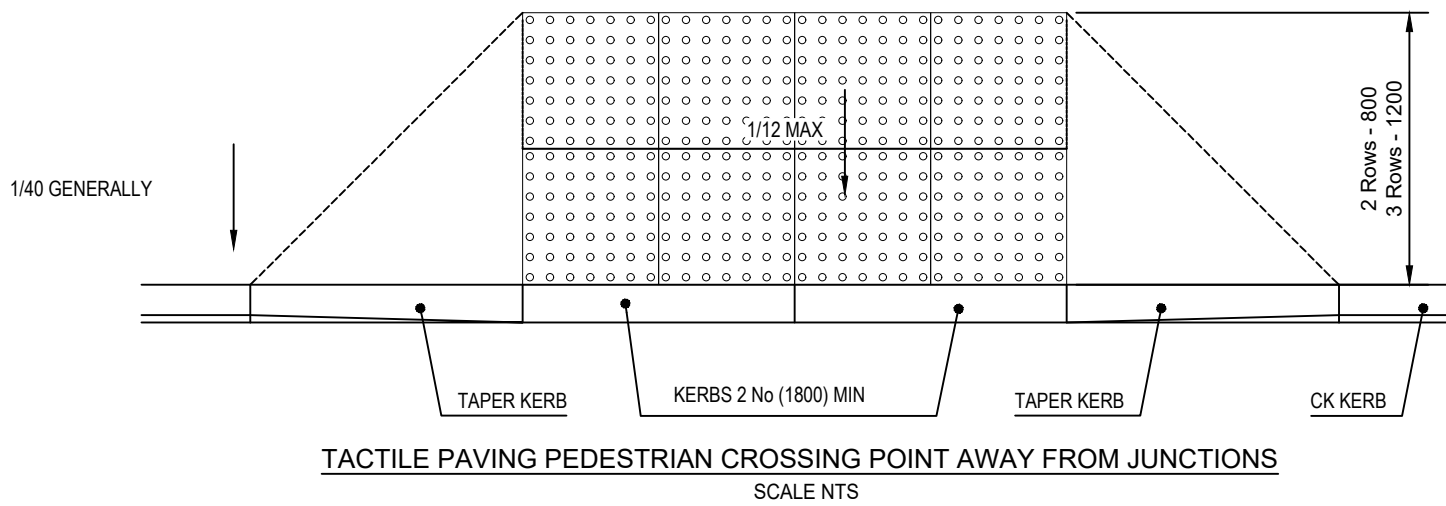
* THE ABOVE DESIGN APPLIES WHERE THE FORMATION CBR 3% INSITU. CBR TEST TO BE CARRIED OUT BY THE CONTRACTOR AT 30m INTERVALS AND RESULTS REPORTED TO THE HIGHWAY AUTHORITY/ENGINEER.

CARRIAGEWAY CAPPING REQUIREMENTS

CBR OF SUB-GRADE	THICKNESS (mm)
<2%	600mm TYPE 6F1/6F2
<5%	350mm TYPE 6F1/6F2
<15%	180mm TYPE 6F1/6F2
>15%	NOT REQUIRED



ALL THICKNESSES STATED ARE FINISHED COMPACTED THICKNESSES.
FOR FROST SUSCEPTIBLE SOILS MINIMUM CONSTRUCTION DEPTH IS 450MM.
ADDITIONAL CAPPING LAYER IS TO BE LAID BELOW THE SUB-BASE TO ACHIEVE THE OVERALL CONSTRUCTION DEPTH OF 450MM.
BASE, SUB-BASE AND CAPPING LAYERS SHOULD BE COMPACTED IN ACCORDANCE WITH DTP "SPECIFICATION FOR HIGHWAY WORKS".



ALL WORKS TO BE IN ACCORDANCE WITH WOKINGHAM BOROUGH COUNCIL SPECIFICATION AND STANDARD DRAWINGS

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- GENERAL NOTES:
1. Do not scale.
 2. This drawing is to be read in conjunction with and checked against all other drawings, Engineering details, Specification and any structural, Geotechnical or other specialist document provided.
 3. Any anomaly or contradiction between any of the above is to be reported to the Engineer.
 4. Assumed CBR of 3% is used for the construction details provided. Additional CBR in situ testing is required to verify the design before the works commence.
 5. WBC Highway Inspector to be present during inspections/ CBR testing.

C2	07.26	BLISTER TACTILES AND CORDUROY TACTILES ADDED	RG	RF
C1	09.26	CONSTRUCTION ISSUE FOLLOWING TECHNICAL APPROVAL BY WBC	RG	RF
Rev	Date	Description	Drawn	Checked

Abley Letchford
www.ableyletchford.co.uk

Client
MILLER HOMES KIER VENTURES

Project
SOUTH WOKINGHAM SDL MOLLY MILLARS LANE

Title
SECTION 278 HIGHWAY CONSTRUCTION DETAILS

Status
FOR CONSTRUCTION

Scale	Date	Drawn	Checked
N.T.S @ A2	MAR 2026	RG	RF
Drawing No	Revision		
A389-S278-J02-601		C2	