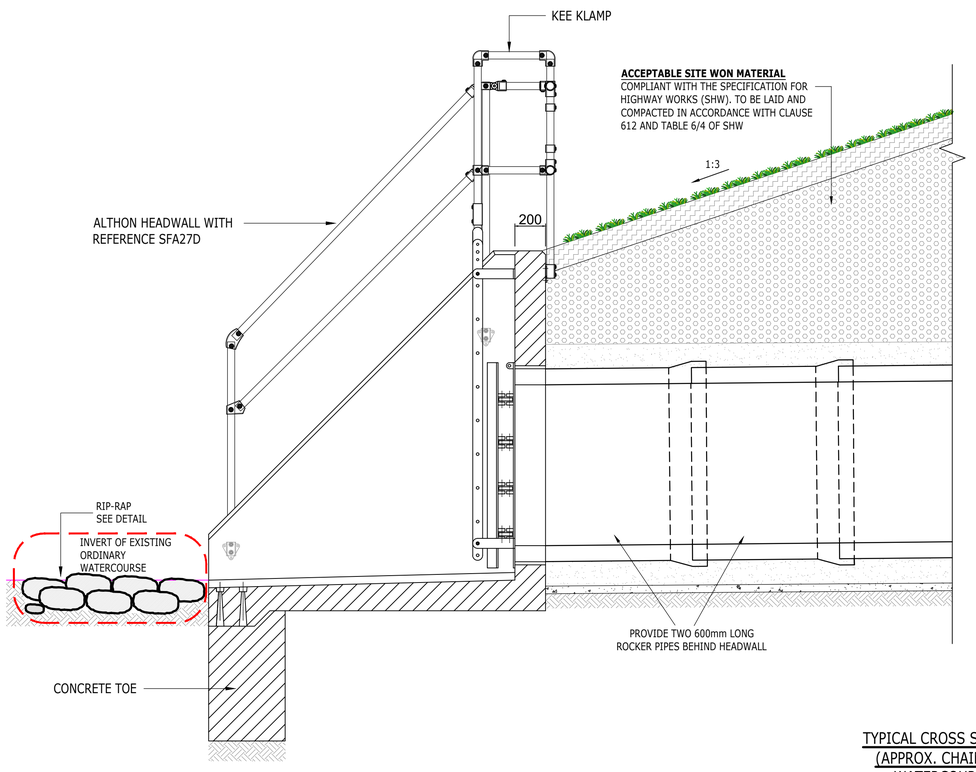
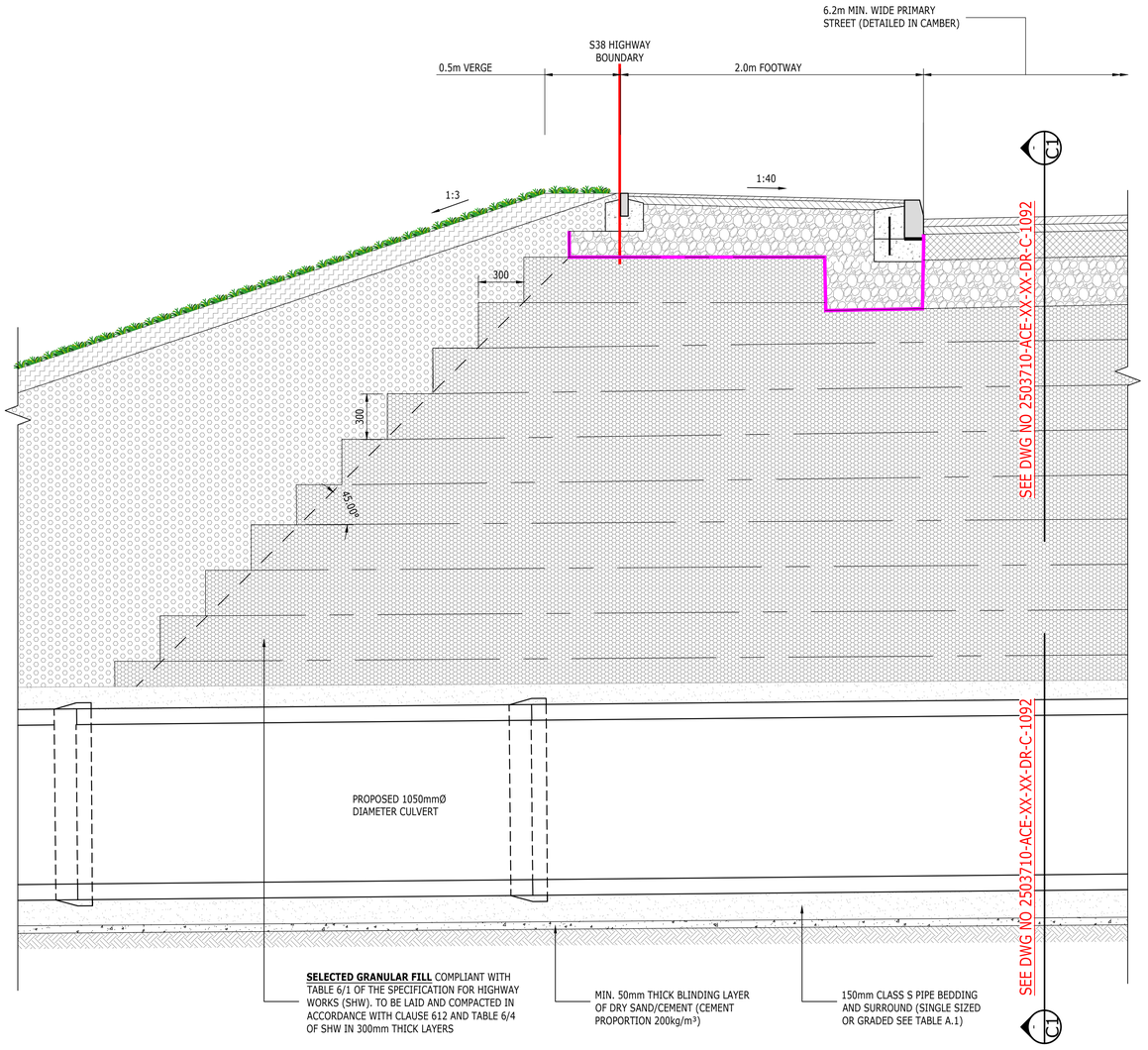




TYPICAL CROSS SECTION C2-C2 THROUGH ROAD 1 (APPROX. CHAINAGE 860m) AT THE ORDINARY WATERCOURSE CROSSING AND CULVERT

(SCALE 1:20)

BOX NOTE 1 - ALL WORKS TO BE ADOPTED UNDER A S38 AGREEMENT SHALL BE STRICTLY IN ACCORDANCE WITH SCC'S 'CONSTRUCTION SPECIFICATION FOR DEVELOPMENTS, HIGHWAY WORKS'

BOX NOTE 2 - SEE DRAWING NO. 2503710-ACE-XX-00-DR-C-1010 FOR THE LOCATION OF THE TYPICAL SECTION SHOWN IN THIS DRAWING

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATION, INC. RISK ASSESSMENTS (SEE CDM NOTES) AND ALL OTHER RELATED DRAWINGS ISSUED BY THE ENGINEER.
2. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
3. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS OTHERWISE STATED.
4. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
5. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER.
6. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY FULLY WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS, VOLUME ONE, (MCHW1) SPECIFICATION FOR HIGHWAY WORKS.

KERB NOTES:

1. ALL KERBS TO BE IN ACCORDANCE WITH BS EN 1340.
2. KERB FOUNDATION TO BE LAID ON ROLLED SUB-BASE OF MINIMUM THICKNESS 110mm.
3. THE KERB BED AND BACKING SHALL NORMALLY BE LAID IN ONE OPERATION.
4. WHERE THE BED IS LAID IN ADVANCE OF THE KERBS A 200x20mm DIA. MILD STEEL DOWEL BARS WILL BE REQUIRED IN BACKING AT 600mm CENTRES AND KERBS WILL BE BEDDED ON 10mm THICK MORTAR TO DESIGNATION (i) OF CL. 2404 OF SHW.
5. KERBS SHALL BE LAID WITH DRY JOINTS AND CLOSELY BUTTED TO ADJACENT KERBS AND CHANNELS.
6. TRANSITION KERBS SHALL BE USED AT ALL CHANGES IN KERB FACE.
7. FOR KERB RADII OF 12m OR LESS AND CHANNELS OF THE APPROPRIATE RADIUS SHALL BE USED.
8. FOR RADII OF BETWEEN 12m AND 18m STRAIGHT KERBS 600mm LONG SHALL BE USED.
9. CUTTING KERBS AND CHANNELS SHALL BE BY APPROVED MECHANICAL MEANS.
10. THE LENGTH OF ANY KERB OR CHANNEL SHALL NOT BE LESS THAN 300mm.

CONSTRUCTION NOTES:

1. ALL SOFT SPOTS AND VOIDS SHALL BE REMOVED BEFORE CONSTRUCTION AND REPLACED WITH SUITABLE FILL MATERIAL.
2. APPROVED RESIDUAL WEEDKILLER, WHICH DOES NOT CONTAIN ATRAZINE OR SIMAZINE, MUST BE APPLIED TO ALL FORMATIONS.
3. ALL CONCRETE AND CEMENT MORTAR MUST BE SULPHATE RESISTING TO BS4021.
4. ALL CARRIAGEWAY MATERIALS SHALL BE SUPPLIED AND LAID IN ACCORDANCE WITH BS EN 13108 & BS 59487.
5. ALL MATERIALS IN CARRIAGEWAYS TO BE LAID BY MACHINE.
6. MINIMUM PAVEMENT DEPTH OF 450mm IS REQUIRED FOR NON FROST SUSCEPTIBLE MATERIAL.
7. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE CBR VALUES FOR EACH ACCESS ROAD AND SHALL SUBMIT DETAILS OF THE PROPOSED CONSTRUCTION TO THE ENGINEER IN WRITING FOR APPROVAL PRIOR TO COMMENCING THE WORKS.
8. A CAPPING LAYER, WITH A MINIMUM THICKNESS OF 600mm WILL BE REQUIRED WHEN THE CBR OF THE SUB-GRADE IS LESS THAN 2.5%.
9. THE CBR OF THE COMPACTED CAPPING LAYER SHALL BE AT LEAST 15%.
10. ALL EARTHWORKS TO BE IN ACCORDANCE WITH SERIES 600 OF SHW.
11. PROPOSED PAVEMENT CONSTRUCTION DETAILS BASED ON A DESIGN CBR VALUE OF 4.0%, TO BE CONFIRMED AS NOTED.

TENDER ISSUE

Rev	Description	Drn	Chk	App	Date
T2	DRAWING REFERENCE FOR THE SECTION ADDED	IK	IK	SDB	10.03.2026
T1	ISSUED FOR TENDER	IK	IK	SDB	09.03.2026

Purpose: PRELIMINARY

Status: -

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Client: BLOOR HOMES

Project Title: GREAT WILSEY PARK, HAVERHILL

Drawing Title: S38 HIGHWAY CONSTRUCTION DETAILS SHEET 11

Drawn by	Checked by	Approved by	Revision
IK	IK	SDB	T2

Scale	Date
AS SHOWN	MAR 2026

Drawing Number: 2503710-ACE-XX-XX-DR-C-1091

User name: Ira Kolev
File Location: z:\2503710 - great wilsey park, haverhill\technical\acad\drawings\2503710-ace-xx-xx-dr-c-1081 - 1092 s38 highway construction details.dwg