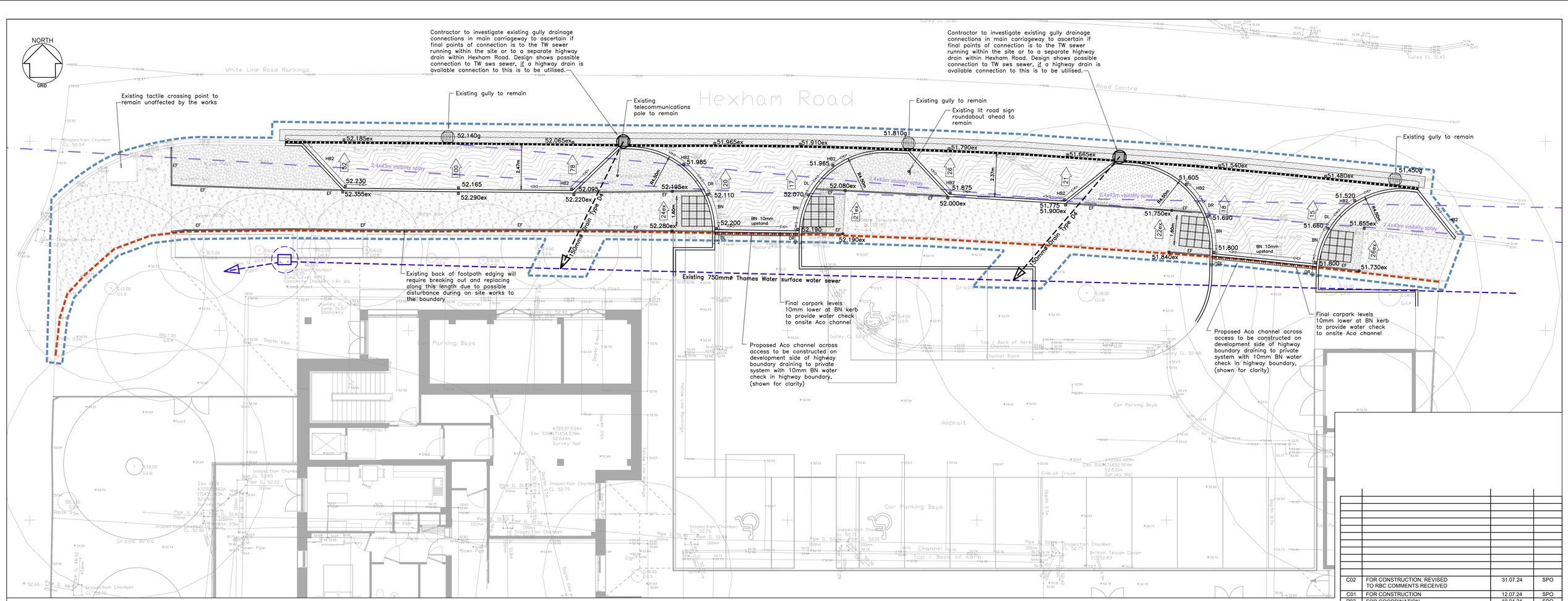


SECTION 278 WORKS KEY

Road crossing construction. .
40mm thickness of asphalt Concrete 10mm size aggregate with 100/150 pen bitumen to BS EN 13108–1 (AC10 close surf 100/150).
60mm thickness of 20mm size Asphalt Concrete dense binder Course to BS EN 13108–1 with 40/60 bitumen. (AC 20 dense bin 40/60).
100mm thickness of 32mm size Asphalt Concrete dense base course to BS EN 13108–1 with 40/60 bitumen. (AC 32 dense base 40/60).
250mm thickness of Type 1 sub–base to Clause 803 of the SHW, design based on a CBR of 5% or greater.
One CRB test to be taken at the each entrance to confirm value. Sub–base depth to be increased in accordance to RBCs Specification for Estate Streets if required.
Each layer to be tack coated in accordance with Clause 920 of the SHW.

Footpath construction
20mm of 6mm size dense asphalt concrete as surface course to BS EN 13108 with 100 or 150 pen bitumen.
60mm of 20mm size Asphalt Concrete dense binder Course to BS EN 13108–1 with 40/60 bitumen (AC 20 dense bin 40/60).
150mm thickness of Type 1 sub–base to Clause 803 of the SHW.

Footpath overlay over existing construction
20mm of 6mm size dense asphalt concrete as surface course to BS EN 13108 with 100 or 150 pen bitumen.
20mm size Asphalt Concrete dense binder Course to BS EN 13108–1 with 40/60 bitumen (AC 20 dense bin 40/60) as regulating course under.

Existing footpath to be planed of by 20mm and to be resurfaced with 20mm of 6mm surface course as specified above.
Before relaying surface to be tack coated in accordance with Clause 920 of the SHW.

Plane off in two layers, two steps of 600mm and 300mm width (40mm and 60mm deep) after relaying of existing recovered channel blocks. Steps to be reinstated with 60mm binder course and 40mm surface course as specified above in road crossing construction. Steps to be coated with a tack coat before laying in accordance with clause 920 of the SHW.

Area of existing grass verge to be made up to proposed new levels where necessary with a screened topsoil to BS 3882:2007 and seeded with seed mix in accordance with para 3.10.10 of the RBC Specification.

Area of existing hard breakout to be fully removed down to existing formation level and backfilled up to within 100mm of final profile with acceptable as dug material. Final topsoil and seed as specified above.

400x400x65mm tactile blister paving colour "Buff" to BS EN 1339:2003.
30mm of fine bedding concrete "Parex" or similar approved as bedding course.
150mm CBGM A C5/6 or stronger as sub base.

HB2 kerb bed and backing with kerb height set to 125mm above carriageway levels shown to be constructed as detail "HB2 Kerb" on RBC drawing 15975/SD1101.

Dropped pedestrian crossing to footpath. BN height to be set with a 5mm upstand with proposed carriageway. DL and DR transition kerbs as "Kerb Type K4" shown on RBC drawing 15975/SD1102.

Back of footpath edging to be "EF Edging" as detailed on drawing RBC drawing 15975/SD1103.

Existing single and double row (across existing entrance) of small element natural stone channel blocks to be broken out and reset as a single row along existing channel line as detail CS1, utilising existing site recovered stone block instead of precast concrete channel, bed width to be reduced. detail shown on RBC drawing 15975/SD1103.

Proposed road gully as Preformed Trapped Gully Pot" Type 2 as shown on RBC drawing 15975/SD504, connection to be Footway/Cycleway Drain Type D4 to RBC drawing 15975/SD501.

78 — Shows fall and approximate gradient of final surface.

⊠ 52.200 — Proposed level of finished carriageway.

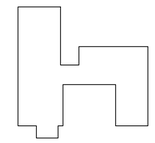
Denotes extents of the highway boundary.

Denotes extents of the works

Notes.
1. All works to be fully in compliance with Reading Borough Councils Spec for Estate Streets, Jan 2009 or any amendments thereof. Where mentioned above "SHW" refers to The Specification for Highway Works.
2. All existing covers within the works to be adjusted to new levels.

Rev	Description	Date	Issued by
C02	FOR CONSTRUCTION. REVISED TO RBC COMMENTS RECEIVED	31.07.24	SPO
C01	FOR CONSTRUCTION	12.07.24	SPO
P02	FOR COORDINATION	19.04.24	SPO
P01	FOR COORDINATION	26.03.24	SPO

KEY PLAN



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DRAWING TITLE

3324 Hexham Road-MS

SECTION 278 WORKS

SCALE (A1) 1:100@A1	FILENAME HEX-TER-54-0XX-D-C-5001-SECTION 278 WORKS-C02
START DATE MARCH 24 DESIGN STAGE RIBA 4	PROPOSED STATUS S3 - For construction

HEX-TER-54-0XX-D-C-6001

C02