

Civic Centre 1
High Street
Huddersfield

HIGHWAYS AUTHORITY
TECHNICAL APPROVAL IN PRINCIPLE
ADDENDUM:
DESIGN OF

***Private Mass Concrete Retaining Walls in a New
Residential Development off
Westgate, Cleckheaton***

Structure reference: K61200 A&B

Date: March 2026

Revision: P1

Status: Final

Prepared by: D.J. Phillipson

Checked by: D. Rogers

Scheme title: Residential Development off Westgate, Cleckheaton
Structure title: Private Mass Concrete Retaining Walls

DOCUMENT CONTROL

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Document issue record

Issue	Status	Prepared	Date	Checked	Date	Approved	Date
P1	Final	D.J. Phillipson	12/03/2026	D. Rogers	12/03/2026	D. Rogers	12/03/2026

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**Struc Ref:
K61200A & B**

1. INTRODUCTION

This is an addendum to the Approval in Principle (AIP) for the design of private mass concrete retaining walls.

2. ADDENDUM

The following changes shall be made to the text:

3.11. Durability. Materials and finishes

Item	Material	Finish / Location
Rows omitted for brevity		
Blockwork	conforming to BS EN 771-3 Compressive Strength 7.3N/mm ² , Normalised strength 10.1kN/m ²	Retaining wall construction behind brickwork face
Rows omitted for brevity		

5.1. Methods of analysis proposed for superstructure, substructure and foundations

Under the bulleted paragraph, the term “Global Instability” shall be deleted, i.e.:

Ultimate limit state checks shall include, but are not limited to:

- Bearing capacity failure
- Overturning
- Sliding
- ~~Global Instability~~

Explanatory note for this amendment: The ground conditions from the ground investigation report indicate that shallow ground conditions comprise ashy made ground over stiff clay of completely weathered sandstone with recorded undrained shear strengths of c.90kPa. The retaining walls are to be founded on the stiff clay and as such any global instability slip plane would need to go through the stiff high strength clay. Therefore, as the underlying stiff clay has adequate bearing capacity to prevent bearing (shear) failure of the ground it is unlikely that a global instability failure (shear slip circle) would occur with the proposed wall retained height of <1m and in the absence of sloping ground either side of the wall.

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3. THE ABOVE ADDENDUM IS SUBMITTED FOR ACCEPTANCE**Signed** _____**Name** _____**Engineering
Qualifications** _____

D.J. Phillipson

BEng(Hons), CEng, M.IStructE

Name of Organisation _____

Queensberry Design Ltd.

Date _____

12/03/2026

Check Team Leader**Signed** _____**Name** _____**Engineering
Qualifications** _____

D. Rogers

BSc(Hons), MSc

Name of Organisation _____

Queensberry Design Ltd.

Date _____

12/03/2026

**Scheme title: Residential Development off Westgate, Cleckheaton
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**4. THE ABOVE IS AGREED SUBJECT TO THE AMENDMENTS AND
CONDITIONS SHOWN BELOW**

Signed	_____
Name	<u>Claire Richardson</u>
Position held	<u>Principal Engineer, Bridges & Structures</u>
Engineering Qualifications	<u>BEng CEng MICE</u>
TAA	<u>Kirklees Council</u>
Date	<u>17-03-2026</u>

For and on behalf of Kirklees Council.

Amendments, Conditions and Clarifications.

See main AIP dated 23-12-2025. No additional comments.