Waterman Infrastructure & Environment Limited
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Trinity Academy Temporary School

Technical Note – Condition Survey Keresforth Close and Junction with A6133 Broadway

Date: 30th April 2021

Client Name: Elliott A Modular Company

Document Reference: TRIN-WSE-TEMP-XX-RP-D-00001

This document has been prepared and checked in accordance with
Waterman Group's IMS (BS EN ISO 9001: 2015, BS EN ISO 14001: 2015 and BS EN ISO 45001:2018)

Issue	Prepared by	Checked & Approved by
	Rand Jasim	Stephen Moorhouse

1. Introduction

1.1. A Condition Survey of Keresforth Close and the junction with the A6133 Broadway was carried out on the 20th April 2021. Mr Phil McGrath of Barnsley MBC was present, and the condition survey was undertaken jointly with Andrew Sykes of Waterman Infrastructure & Environment between 9.00am – 10.00am. The weather at the time of the inspection was dry / clear. All surfaces inspected were dry.

The visual inspection was carried out of the western half of Keresforth Close (to a point approx. 85m east of the Stop Line), and of the Broadway approximately 40m north and south of the junction with Keresforth Close. A photographic record was taken (see photo key plan).

2. Condition Survey Summary

The general condition of the roads is good (Broadway) and fair (Keresforth Close). Drawing Number TRN_WSE-TEMP-XX-DR-D-00031 (Appendix A) has the location and a description of the defect and this is summarised below. A drawing showing the location of all the photographs taken is provided in Appendix B and the photographic record is provided in Appendix C



Photo 1

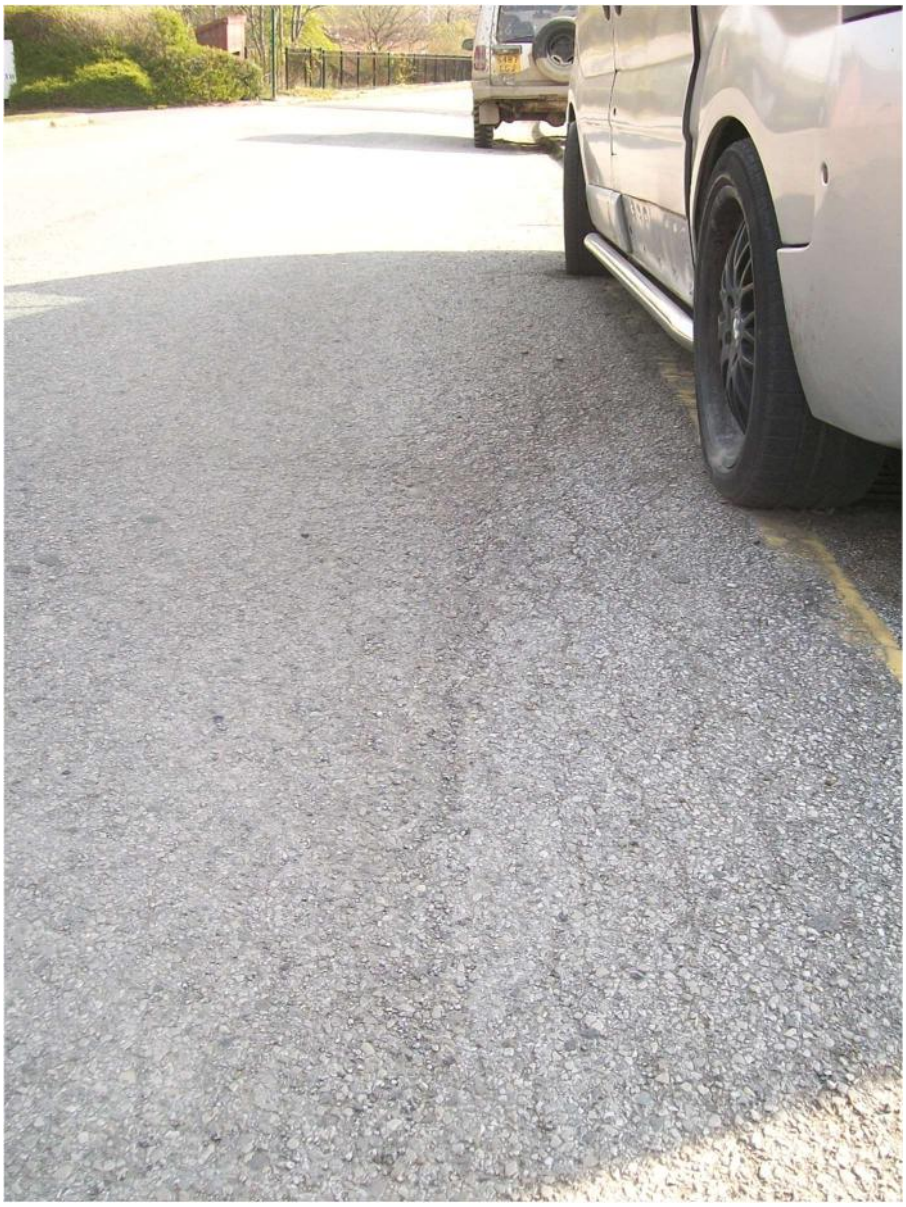


Photo 2

Location 1 (photos 1 and 2) – Surface Course Defects – approx. 20m length of carriageway to east of existing gate (in south footway) and next road gully. SC broken away in 3 locations of varying size (0.5 x 3.5m; 0.5 x 2.5m and 0.4 x 1.25m)



Location 2 (photo 3) – record of service trench crossings adjacent existing gate (to BT chamber)



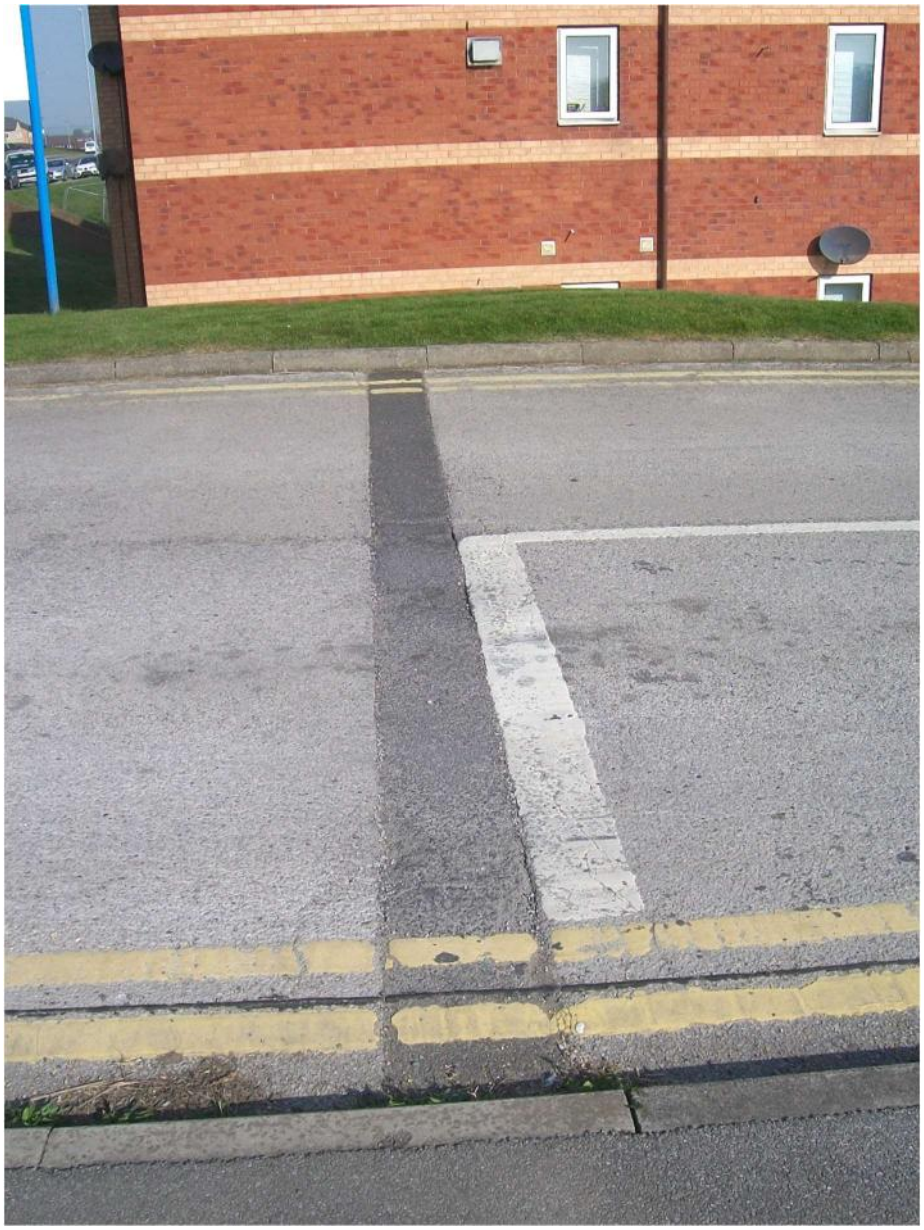
Location 3 (photos 8) – Surface Course Defect – carriageway adjacent 2nd LC (from junction / approx. 25m from Stop Line) and south kerb. Area of 'fretting' SC (0.5m x 3.5m) area of fine / moderate cracking. Surface not yet breaking away.



Location 3 (photos 9) – Surface Course Defect – carriageway adjacent 2nd LC (from junction / approx. 25m from Stop Line) and south kerb. Area of 'fretting' SC (0.5m x 3.5m) area of fine / moderate cracking. Surface not yet breaking away.



Location 4 (photo 11) – Surface Course Defect – at joint between Broadway and Keresfoth Close carriageway just in front of Stop Line. SC broken away in 1 location (0.3 x 0.9m)



Location 5 (photo 12) – record of service trench crossings adjacent Stop Line (Keresforth Close)



Location 6 (photo 20) – Footway surface deteriorating locally behind kerb to Broadway (south) bus stop layby (cracked / local loss of surface).



Location 7 (photo 23) – Footway surface deteriorating locally behind kerb to Broadway (south) bus stop layby exit taper (cracked / local loss of surface).



Location 8 (photo 35) – record of service trench crossing at junction to Assembly Way



Location 9 (photo 40) – minor damage to radius kerbing to end of central reservation in Broadway (north side of junction)



Location 10 (photo 56) – minor damage to corner radius kerbing Broadway left turn into Keresforth Close



Location 10 (photo 58) – minor damage to corner radius kerbing Broadway left turn into Keresforth Close



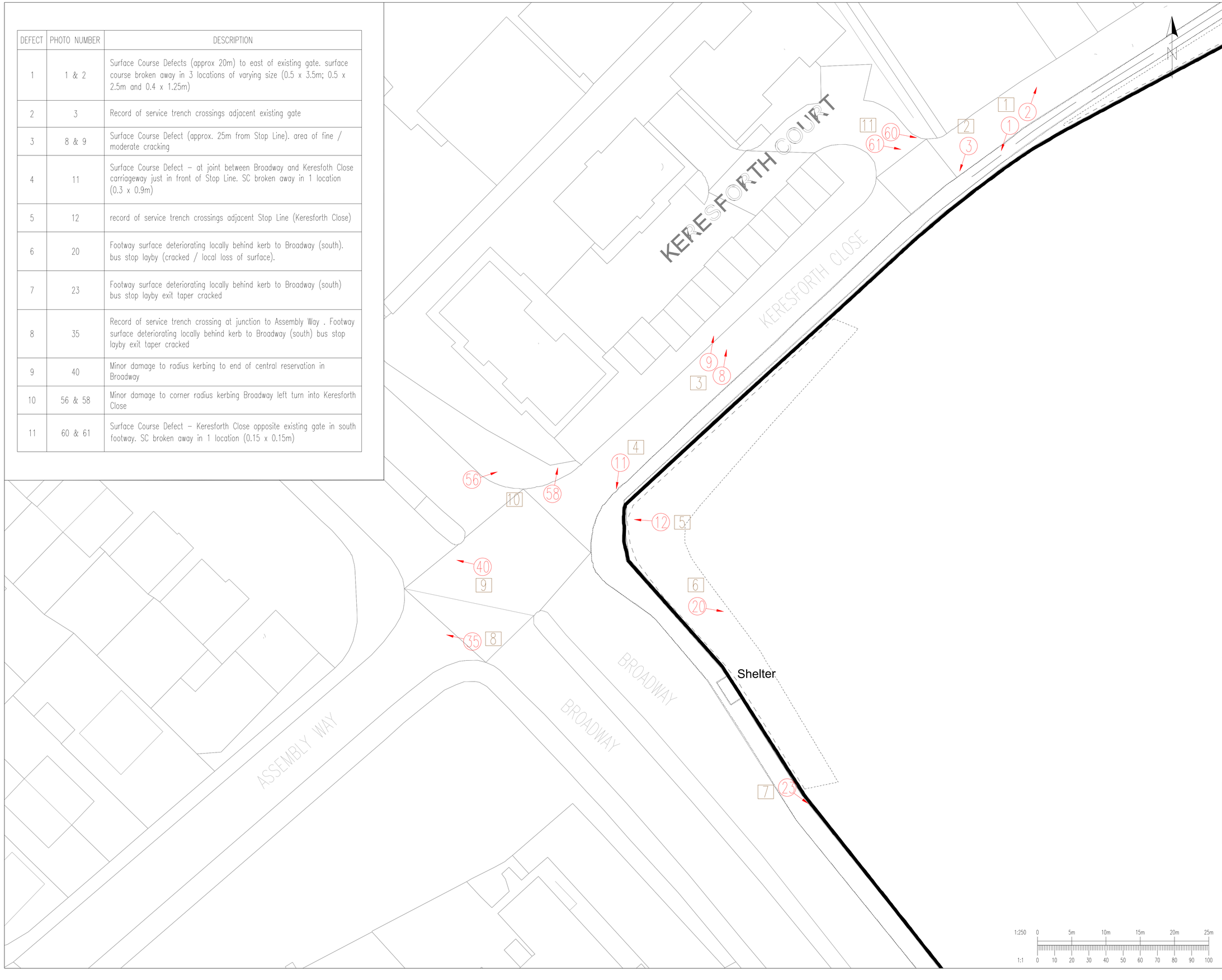
Location 11 (photo 60) – Surface Course Defect – Keresforth Close opposite existing gate in south footway. SC broken away in 1 location (0.15 x 0.15m)



Location 11 (photo 61) – Surface Course Defect – Keresforth Close opposite existing gate in south footway. SC broken away in 1 location (0.15 x 0.15m)

Appendix A – Drawing Number TRN_WSE-TEMP-XX-DR-D-00031 – Condition Survey

DEFECT	PHOTO NUMBER	DESCRIPTION
1	1 & 2	Surface Course Defects (approx 20m) to east of existing gate. surface course broken away in 3 locations of varying size (0.5 x 3.5m; 0.5 x 2.5m and 0.4 x 1.25m)
2	3	Record of service trench crossings adjacent existing gate
3	8 & 9	Surface Course Defect (approx. 25m from Stop Line). area of fine / moderate cracking
4	11	Surface Course Defect – at joint between Broadway and Keresfoth Close carriageway just in front of Stop Line. SC broken away in 1 location (0.3 x 0.9m)
5	12	record of service trench crossings adjacent Stop Line (Keresforth Close)
6	20	Footway surface deteriorating locally behind kerb to Broadway (south). bus stop layby (cracked / local loss of surface).
7	23	Footway surface deteriorating locally behind kerb to Broadway (south) bus stop layby exit taper cracked
8	35	Record of service trench crossing at junction to Assembly Way . Footway surface deteriorating locally behind kerb to Broadway (south) bus stop layby exit taper cracked
9	40	Minor damage to radius kerbing to end of central reservation in Broadway
10	56 & 58	Minor damage to corner radius kerbing Broadway left turn into Keresforth Close
11	60 & 61	Surface Course Defect – Keresforth Close opposite existing gate in south footway. SC broken away in 1 location (0.15 x 0.15m)

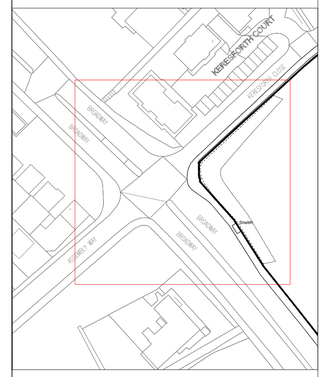


This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
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6. ALL MATERIALS ARE TO COMPLY WITH SOUTH YORKSHIRE PART 2 SPECIFICATION OF CONSTRUCTION MATERIALS AND STANDARD CONSTRUCTION DETAILS.
7. THE DEFECT SURVEY WAS CARRIED OUT ON THE 20TH OF APRIL 2021, AT APPROXIMATELY 9:00AM–10:00AM. THE WEATHER AT THE TIME OF SURVEY WAS DRY/CLEAR AND ALL THE INSPECTED SURFACES WERE DRY.



key

1 Photo Number. Refer to report (TRIN-WSE-TEMP-XX-RP-D-00001 for record photos.

1 Defect Number. Refer to the schedule for further details

Rev	Date	Description	By
P01	29.04.21	FIRST ISSUE	RJ

Amendments

Project: Trinity Academy, Barnsley

Title: BROADWAY / KERESFORTH CLOSE JUNCTION DEFECT DRAWING

Client: Department for Education

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Drawing Status: PRELIMINARY

Designed by	RJ	Checked by	SM	Project No WIE17125
Drawn by	RJ	Date	APR 2021	
Scales @ A1 work to figured dimensions only	1:250			Computer File No TRIN-WSE-TEMP-XX-DR-D-00031.dwg

Publisher	Zone	Category	Number	Revision
TRIN-WSE-TEMP-XX-DR-D-00031				P01

1:250 0 5m 10m 15m 20m 25m
1:1 0 10 20 30 40 50 60 70 80 90 100

File Path: \\cen\WEL\Projects\WIE17125\1007_CAD\90_Civil General\

A1-Wat-S_x-cctv, x-OS, x-proposed_layout_temp_building

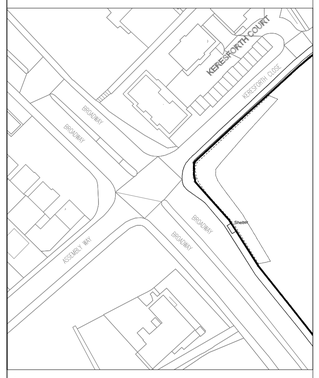
Appendix B Drawing Number TRN_WSE-TEMP-XX-DR-D-00032 – Photos Location Plan

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key

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Rev	Date	Description	By
P01	29.04.21	FIRST ISSUE	RJ

Amendments

Project: Trinity Academy, Barnsley

Title: BROADWAY / KERESFORTH CLOSE JUNCTION PHOTO RECORD DRAWING

Client: Department for Education

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Drawing Status: PRELIMINARY

Designed by	RJ	Checked by	SM
Drawn by	RJ	Date	APR 2021
Scales @ A1 work to figured dimensions only	1:250		

Project No: WIE17125

Computer File No: TRIN-WSE-TEMP-XX-DR-D-00032.dwg

Publisher	Zone	Category	Number	Revision
TRIN-WSE-TEMP-XX-DR-D-00032				P01

1:250 0 5m 10m 15m 20m 25m
1:1 0 10 20 30 40 50 60 70 80 90 100

File Path: \\cw\WIE\Projects\WIE17125\0007_CAD\06_Cad\General\

A1-Wat-S, x-cctv, x-OS, x-proposed_layout_temp_building

Appendix C - Photographic Condition Record










S487 CGJ


NEW
TRAFFIC
SIGNALS
AHEAD




LS05 MXN


















BUS
STOP

Bus stop


Wentworth Castle
BUS


ER
RYBODY
THINK

DHL