



# Northumberland

## County Council

### **RECORD OF DECISION TAKEN BY SERVICE DIRECTOR - LOCAL SERVICES**

**Paul Jones**

**14 July 2021**

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### **Proposed 40 MPH Limit Restriction Ellingham Primary School**

**Cabinet Member: Councillor John Riddle**

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#### **Purpose of Report**

This report sets out the background to the proposed implementation of 40 MPH speed restriction adjacent to Ellingham Primary School

#### **Recommendations**

It is recommended the changes to the speed limit adjacent to Ellingham Primary School and the surrounding area be introduced.

#### **Link to Corporate Plan**

Living - "We want you to feel safe, healthy and cared for"

Enjoying - "We want you to love where you live"

Learning - "We want you to achieve and realise your potential"

#### **Key Issues**

1. The reduction to the speed limit adjacent to Ellingham Primary School which, is in line with the County Council's current road safety policy.
2. This location would benefit from reduced vehicle speeds in the vicinity of Ellingham Primary School where Vulnerable Road Users (VRUs) are present.
3. The scheme is supported by County Councilor Pattison, Ellingham Parish Council and Ellingham Primary School.

### Background

#### Introduction of 40 MPH Speed Restriction C70 adjacent to Ellingham Primary School

The introduction of the speed limit changes on the C70 adjacent to Ellingham Primary School forms part of the 2021/22 Local Transport Plan. This is part of the County Council's road safety initiative to introduce reduced speed limits adjacent to all schools in Northumberland provided it is feasible to do so. Anecdotal evidence suggests that measures of this kind adjacent to schools provide a safer environment for all road users.

In addition to a reduction in the speed limit, a "flashing" School Zone sign (as detailed below) will be position on the eastbound approach to the school. This is an advisory speed limit sign which provides an effective additional physical notification to road users.



Details of the proposals are shown on the plan at Appendix B.



**C70 Eastbound approaching Ellingham Primary School**



**C70 Westbound approaching Ellingham Primary School (on the right)**

Council Officers have worked closely with County Councillor Wendy Pattison, Ellingham Parish Council and Ellingham Primary School on this scheme.

Local canvassing of the scheme was undertaken by the County Councillor and via local forums





**Satellite View C70 adjacent to Ellingham Primary School**

Northumbria Police, other emergency services and relevant statutory consultees will be notified of these amendments as part of the process for making the permanent Orders.

## Delegated Decision

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### Implications Arising out of the Report

<b>Policy</b>	Consistent with existing policies
<b>Finance and value for money</b>	Scheme will be financed from the 2021/22 Local Transport Plan
<b>Legal</b>	Traffic Regulation Orders (reference TROM_229)
<b>Procurement</b>	Signage and road markings to meet Regulations for Traffic Regulation Orders
<b>Human Resources</b>	None
<b>Property</b>	None
<b>Equalities</b> (Impact Assessment attached) Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	N/A
<b>Risk Assessment</b>	N/A
<b>Crime &amp; Disorder</b>	Speed limit schemes will reduce vehicle speeds and promote a safer environment in the area where the new speed limit are being introduced.
<b>Customer Consideration</b>	Residents in the area, parents and staff using the school will benefit from reducing vehicle speeds.
<b>Carbon reduction</b>	Reduced vehicle speeds can lead to reduced vehicle emissions and potential moving towards more sustainable forms of transport such as walking and cycling.
<b>Wards</b>	Longhoughton

## **Delegated Decision**

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### **Background papers:**

File reference -

S:\Highways\PROJECT\20\HE Minor Improvements\HE203428D - Ellingham  
C of E Primary School

Appendix A – Location Plan -  
Appendix B– Scheme Plan and Schedule

### **Author and Contact Details**

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Report Author      **Terry Luck - Programme Officer**

**DECISION TAKEN**

**Title of Officer:** Service Director, Local Services.

**Subject:** Proposed implementation of 40 MPH Speed Restriction on the C70 adjacent to Ellingham Primary School.

**Consultation:** Not required for the introduction of changes to speed limits adjacent to Ellingham First School on road safety initiative grounds. Local canvassing undertaken by County Councillor. The scheme is supported by the local County Councillor, Parish Council, Ellingham Primary School and Northumbria Police.

**Decision Taken:** To introduce a 40 MPH Speed Restriction on the C70 adjacent to Ellingham Primary School.

Signature of Director



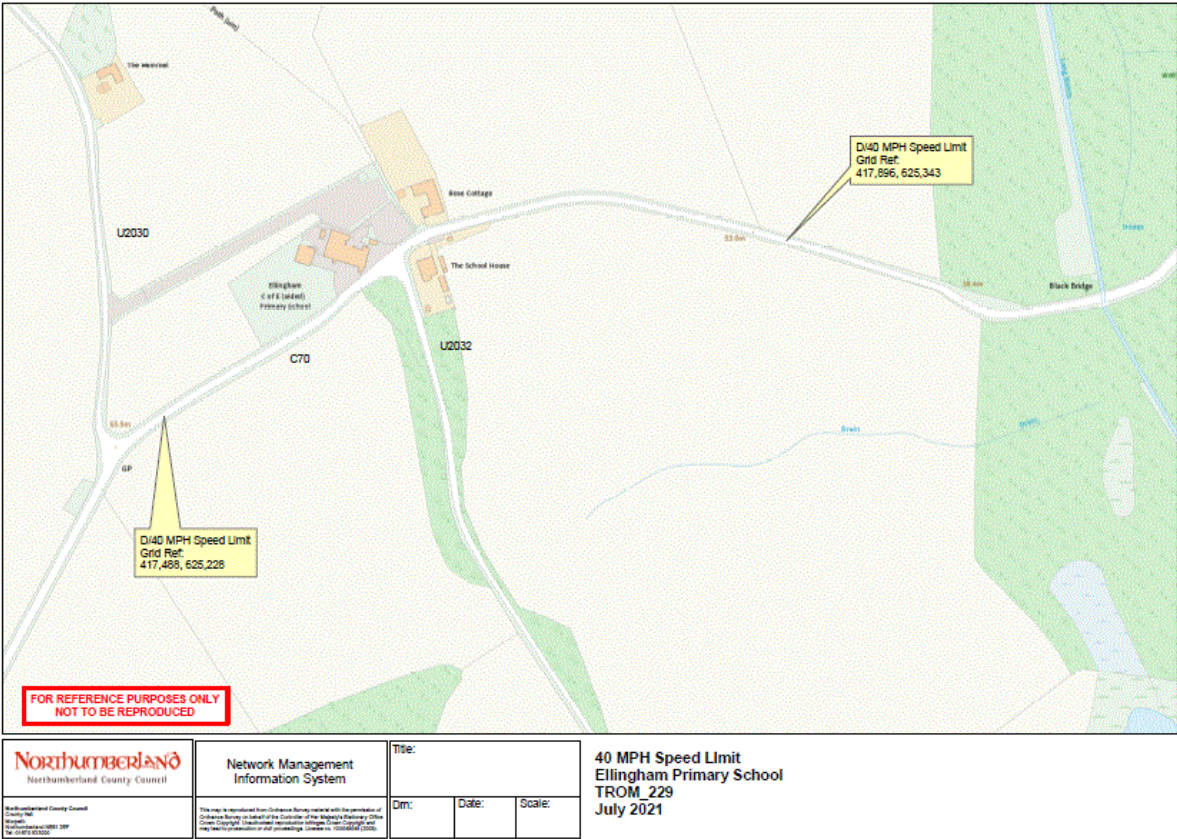
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**Date**

18<sup>th</sup> August 2021

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Appendix A - Location Plan



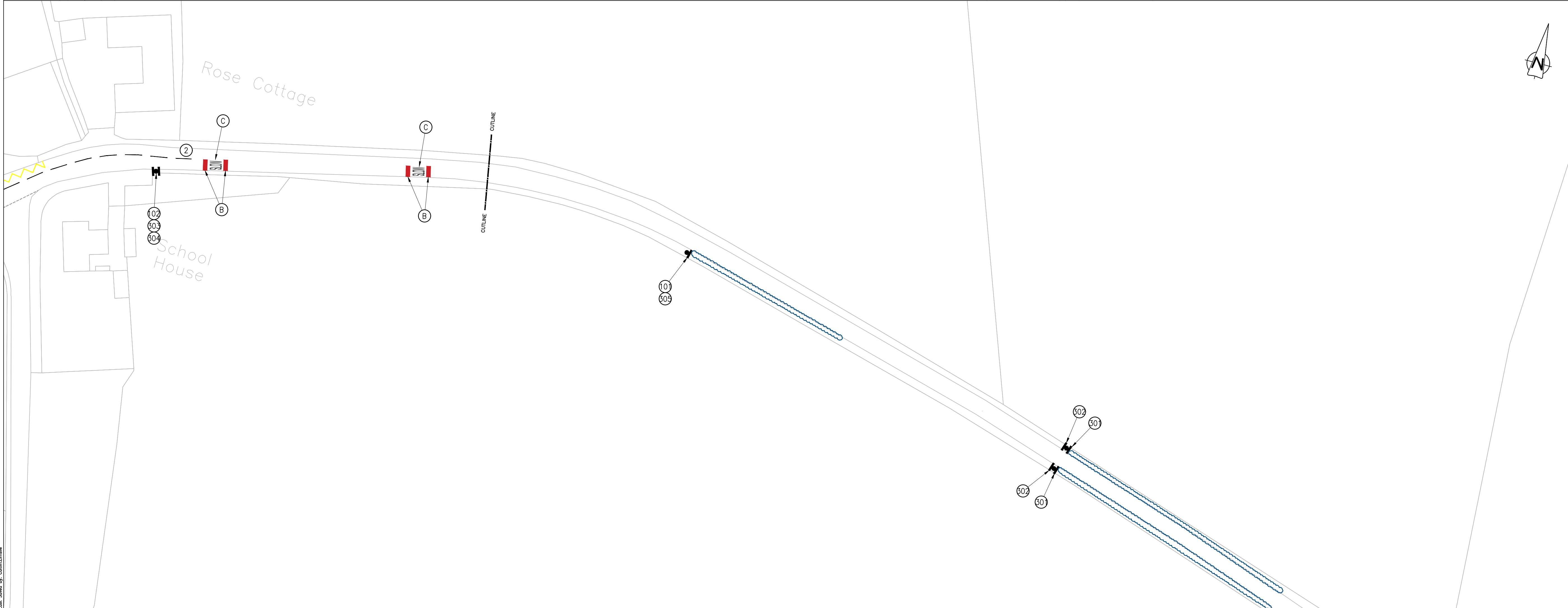
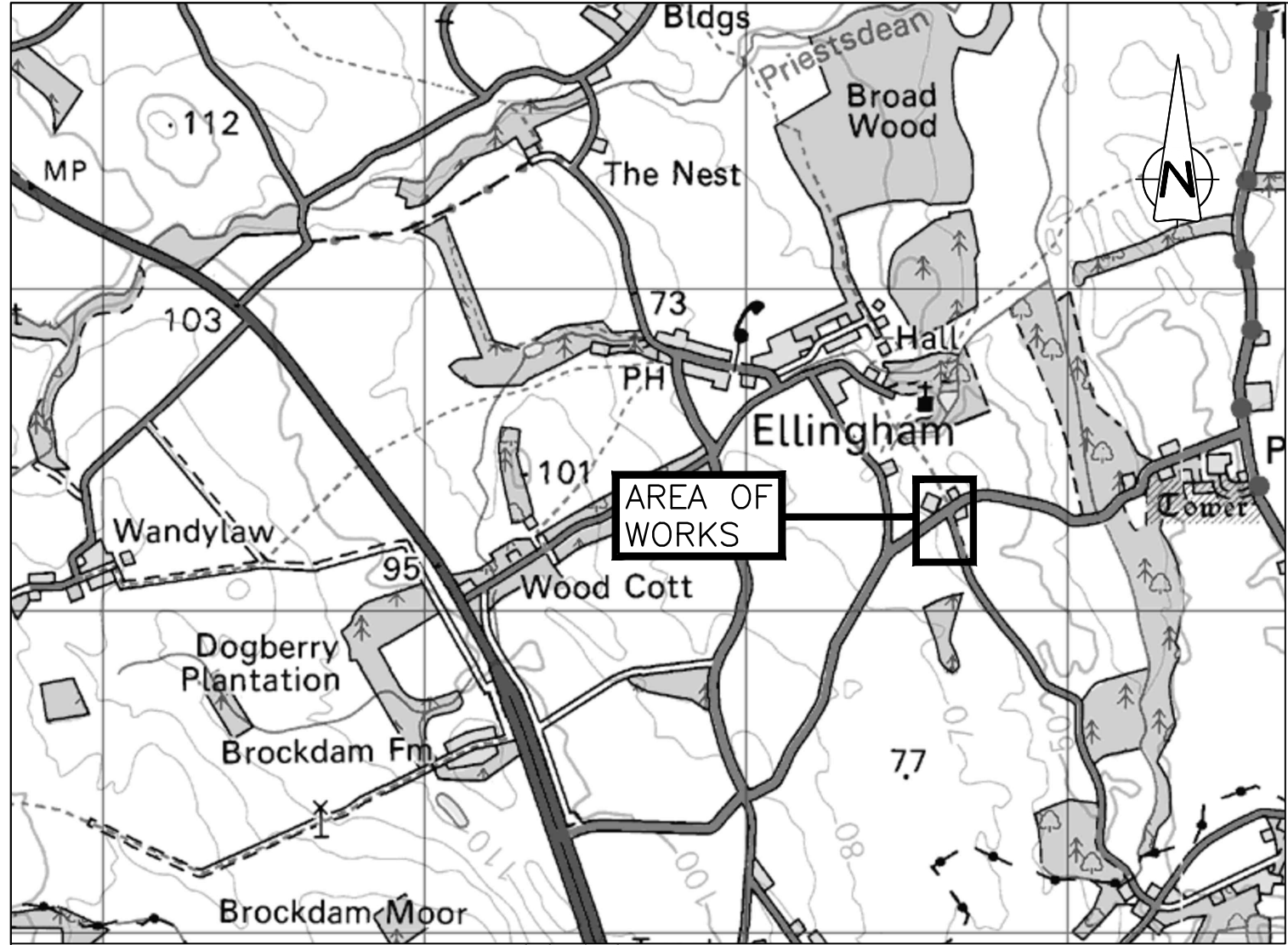


## **Delegated Decision**

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### **Appendix B - Scheme Plan**

(Note: A Pdf Scheme Plan will be added once signed)



Contract  
Drawing No.: 1

Drawing Size:  
A1



Northumberland  
County Council

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NOTES:

1. TRAFFIC SIGNS

1.1. NEW TRAFFIC SIGNS TO COMPLY WITH BS EN 12899-1:2007, AND NATIONAL ANNEX, BE MANUFACTURED FROM ALUMINUM COMPOSITE PANEL WITH CLASS RA2 SIGN FACE SHEETING UNLESS STATED OTHERWISE IN THE TRAFFIC SIGN SCHEDULE.

1.2. DESIGN WIND-LOADING TO DETERMINE SIGN SUPPORT AND FOUNDATION DESIGN TO BS EN 12899-1:2007, AND NATIONAL ANNEX, HAS BEEN ASSESSED USING BUCHANAN "SIGNLOAD" SOFTWARE OR SIMILAR APPROVED SOFTWARE.

1.3. ALL MECHANICAL FASTENERS FOR NEW SIGNS TO BE PROCURED ONLY FROM NHSS 3 APPROVED SOURCES.

1.4. ENSURE POSTS DO NOT PROTRUDE ABOVE SIGN EDGE.

1.5. ENSURE A MINIMUM OF 0.5m CLEARANCE FROM EDGE OF CARRIAGEWAY.

1.6. ALL EXISTING TRAFFIC SIGNS WITHIN SCHEME LIMITS ARE TO BE CLEANED DOWN.

2. ROAD MARKINGS

2.1. NEW MARKINGS TO BE IN WHITE THERMOPLASTIC SCREED WITH APPLIED GLASS BEADS UNLESS STATED OTHERWISE.

2.2. ROAD MARKINGS SHOULD BE IN ACCORDANCE WITH CLAUSE 212 OF SHW, RETRO-REFLECTIVITY REQUIREMENTS FROM THE DATE OF APPLICATION OR DATE OF TRAFFICKING, WHICHEVER IS LATER, AND SHALL LAST FOR THE FUNCTIONAL LIFE OF THE MARKING.

2.3. MARKINGS TO HAVE A REQUIREMENT OF A MINIMUM RETRO-REFLECTIVITY VALUE OF 200 MCD/M<sup>2</sup>/LX.

2.4. THE MINIMUM LAID THICKNESS IS 2.0mm FOR SCREEDED MARKINGS AND 1.5mm FOR SPRAY APPLIED MARKINGS. IN NO CASE SHALL ANY MATERIAL BE LAID MORE THAN 6mm THICK.

2.5. AREA TO BE SWEEP CLEAN OF DETRITUS MATERIAL PRIOR TO LAYING OF NEW ROAD MARKINGS.

2.6. EXISTING CENTRELINE BETWEEN LOCATIONS 1&2 TO BE REMOVED PRIOR TO APPLICATION OF PROPOSED ROAD MARKINGS.

3. SPECIFICATION FOR RED SURFACE TREATMENT

3.1. PREMIXED SURFACE TREATMENT WITH THERMOPLASTIC ROSIN-ESTER BINDER PIGMENTED RED. IT SHOULD CONTAIN 55% + OR - 1% RED QUARTZITE AGGREGATE WITH A MINIMUM PSV 60 AND A MINIMUM TEXTURE DEPTH OF 1.55mm MEASURED BY THE 'SAND PATCH' TEST. THE MATERIAL SHOULD BE MANUFACTURED CONFORMING TO BS 5750.

4. VEGETATION CLEARANCE

4.1. CLEARANCE OF VEGETATION TO BE AS SHOWN ON THE PLAN TO THE MINIMUM DISTANCES WHERE PROVIDED.

4.2. REMOVAL TO BE STRINGENT ENOUGH TO TAKE INTO ACCOUNT SEASONAL GROWTH.

LEGEND:

—

PROPOSED LINING

—

EXISTING LINING

VEGETATION CLEARANCE

PROPOSED SIGN

EXISTING SIGN

Revision:

By:

Chk:

App:

Date:

Rev.:

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Drawing Status:

CONTRACT

Client:

NORTHUMBERLAND COUNTY COUNCIL  
COUNTY HALL, MORPETH  
NORTHUMBERLAND, NE61 2EF

Job Title:


ELLINGHAM C OF E PRIMARY  
40MPH LIMIT

Drawing Title:

SCHEME LAYOUT

Scale(s):

1:500



Northumberland  
County Council

Technical Services

Drawn:

CE

Date:

JUNE 21

Checked:

RWDD

Passed:

RWDD

Drawing Number:

HE203428D-00-C70-10-001

Revision:

2


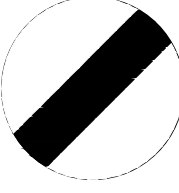



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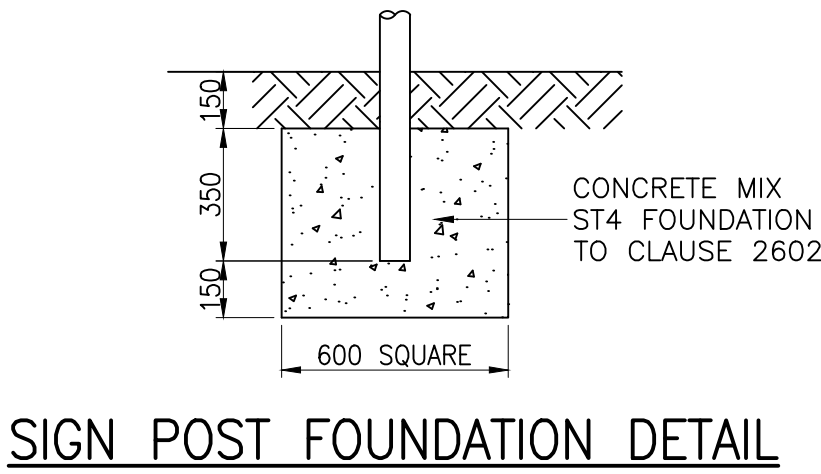


- NOTES:
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    - ENSURE POSTS DO NOT PROTRUDE ABOVE SIGN EDGE.
    - ENSURE A MINIMUM OF 0.5m CLEARANCE FROM EDGE OF CARRIAGEWAY.
    - ALL EXISTING TRAFFIC SIGNS WITHIN SCHEME LIMITS ARE TO BE CLEANED DOWN.
  - ROAD MARKINGS
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ROAD MARKINGS SCHEDULE										
REF	SCHED.	PART	ITEM	DIAG. No.	DIAGRAM	MARK (mm)	GAP (mm)	WIDTH (mm)	ROAD STUDS	USE
(A)	11	4	2	1004		4000	2000	100	—	WARNING LINE SPEED LIMIT BELOW 40mph
(B)	—	—	—	—		TRANSVERSE		1000	—	REFRESH RED SURFACE TREATMENT BAND
(C)	11	4	15	1024		2800	—	2880	—	REFRESH SLOW LETTERING
(D)	7	4	10	1027.1		CONTINUOUS	—	150	—	REFRESH SCHOOL KEEP CLEAR ZIG ZAGS
						700	—	—	—	REFRESH SCHOOL KEEP CLEAR LETTERING
TO BE READ IN CONJUNCTION WITH TSR&GD 2016										

NEW TRAFFIC SIGNS											
REF.	TSR&GD 2016 DIAG. NO.	"X" HEIGHT (mm)	LEGEND	No. OFF	SURFACE	APPROX. SIZE (m)	POSTS / SIGNS			MOUNT HEIGHT (m)	REMARKS
							DIA. (mm)	LENGTH (m)	No.		
301	670	–		4	CLASS RA2	0.6	76	3.2	1	2.1	SIGN MOUNTED ON NEW POST IN VERGE FACING TRAFFIC HEADING TOWARDS ELLINGHAM C OF E PRIMARY SCHOOL
302	671	–		4	CLASS RA2	0.6	–	–	–	2.1	SIGN MOUNTED BACK TO BACK WITH SIGN REF 301
303	670	–		1	CLASS RA2	0.3	76	2.9	1	2.1	SIGN MOUNTED ON NEW POST IN THE SOUTHERN VERGE 220m EAST OF WESTERN TERMINAL SIGNS
304	670	–		1	CLASS RA2	0.3	–	–	–	2.1	SIGN MOUNTED BACK TO BACK WITH SIGN REF 303
305	545  545.1  4004	–		2	CLASS RA2	SAFEWAY SIGN 0.870 x 1.585	114 / 168 WIDE BASED	6m LIGHTING COLUMN CUT TO SUIT SIGN AND SOLAR PANEL.	1	2.1	SIGNS MOUNTED COLLECTIVELY ON NEW POST. MOUNTING HEIGHT IS TO THE UNDERSIDE OF THE FLASHING UNIT. SIGN TO BE LOCATED AT EXISTING FLASHING AMBER LOCATIONS. TO REPLACE EXISTING SIGN REF 101

EXISTING TRAFFIC SIGNS TO BE REMOVED (100 SERIES)				
REF.	LEGEND	No. OFF	APPROX. SIZE (m)	REMARKS
(101)		2	0.74 x 0.94	EXISTING SIGN AND FLASHING AMBER BEACONS TO BE REMOVED TO OFF SITE TIP.
(102)		1	0.6	EXISTING SIGN AND POST TO BE REMOVED TO OFF SITE TIP.



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40MPH LIMIT

Drawing Title: SCHEDULES

Scale(s): NTS