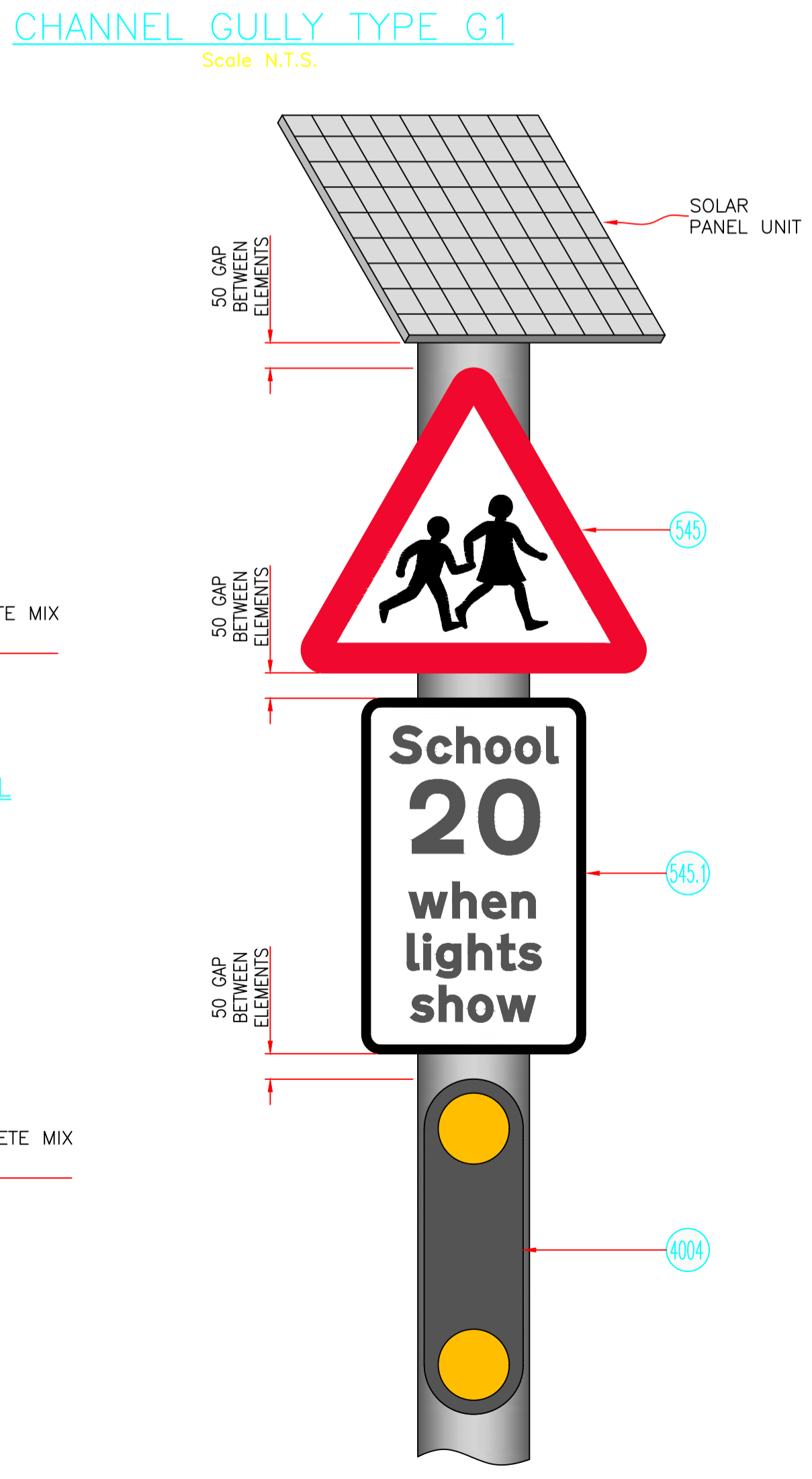
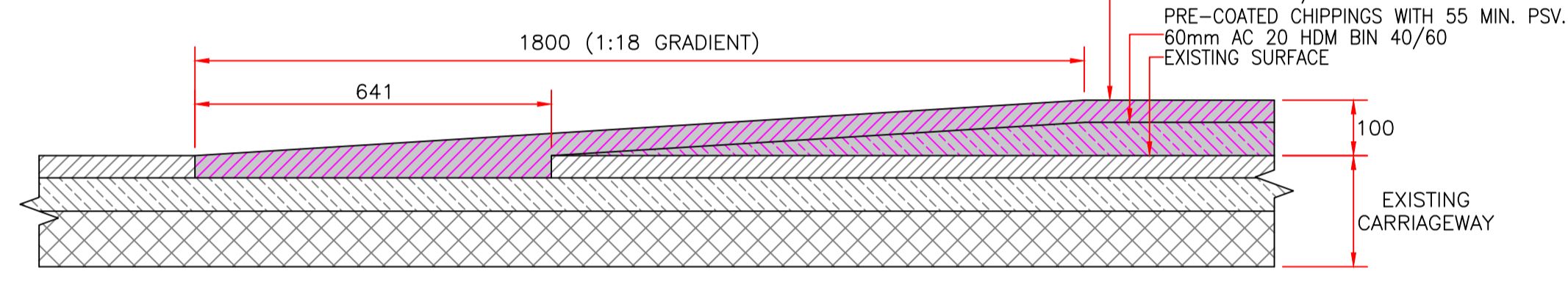
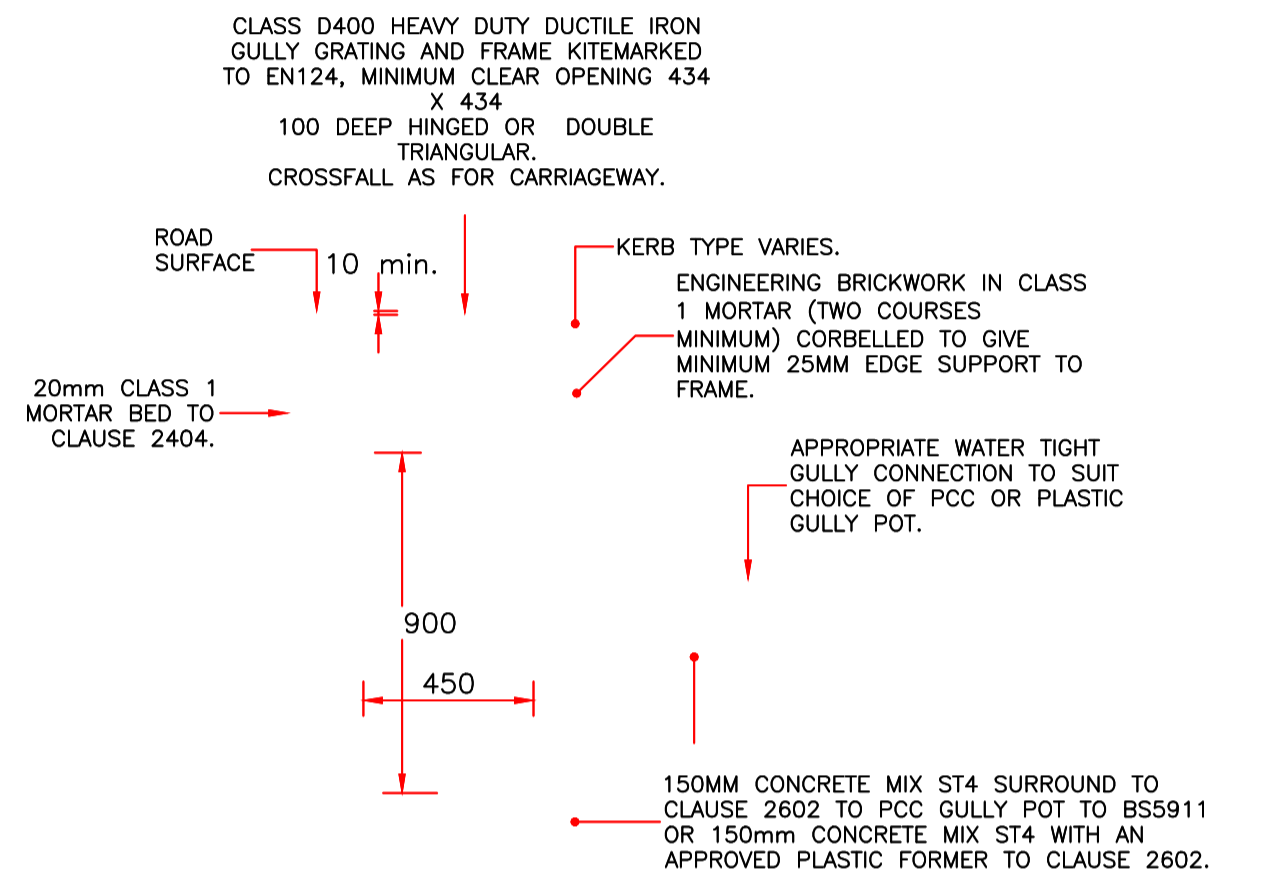
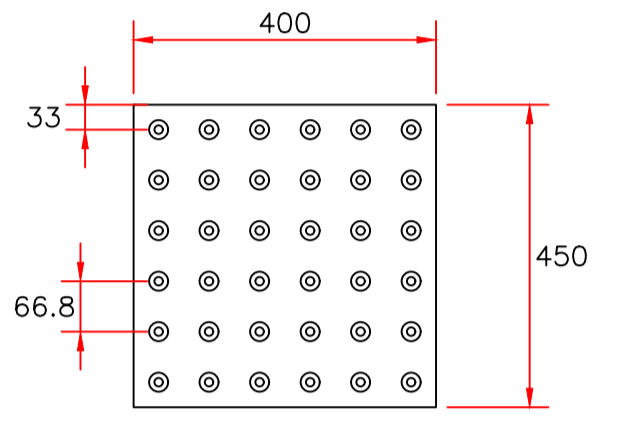
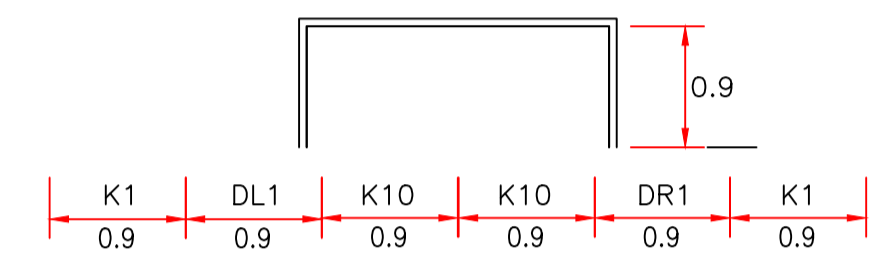
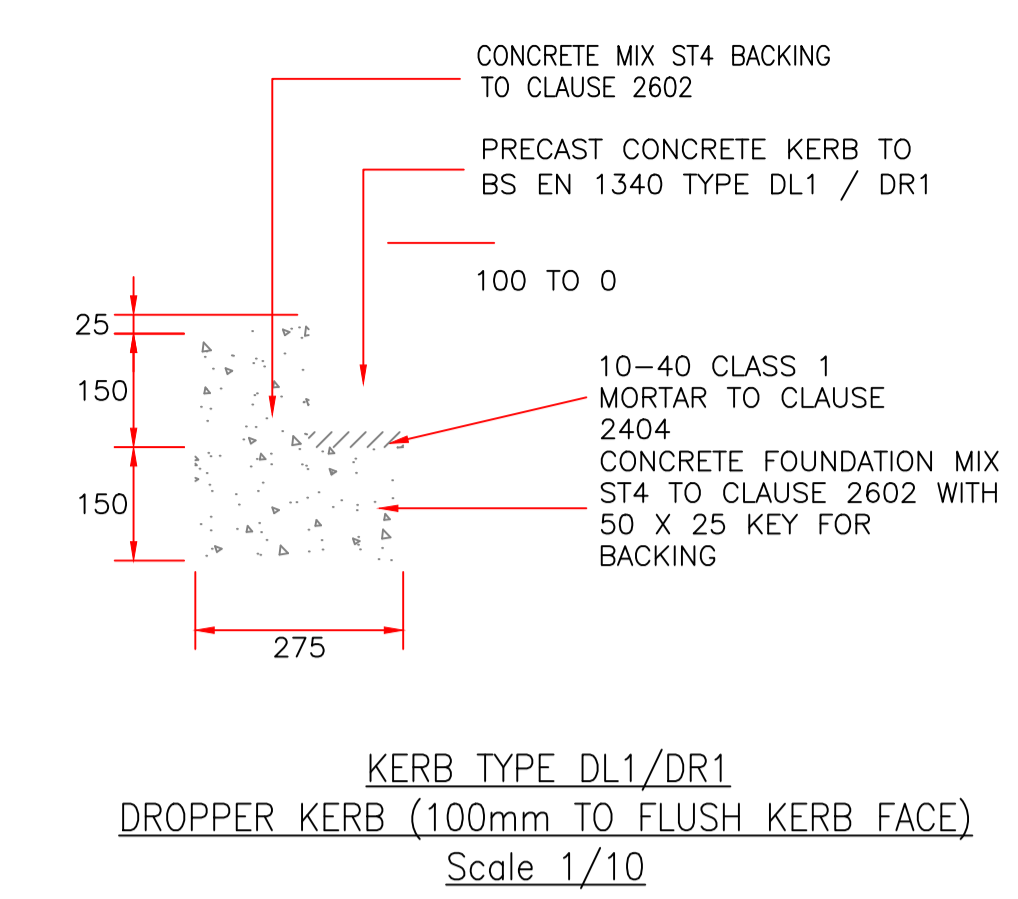
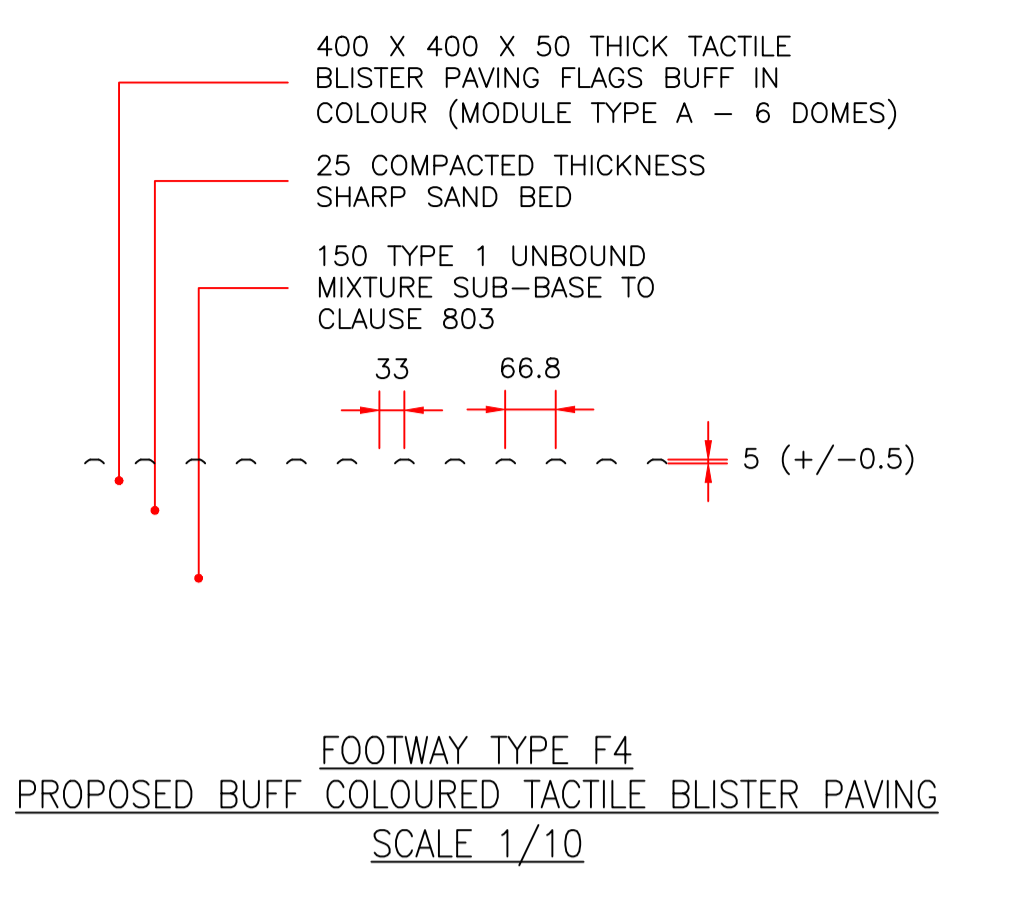
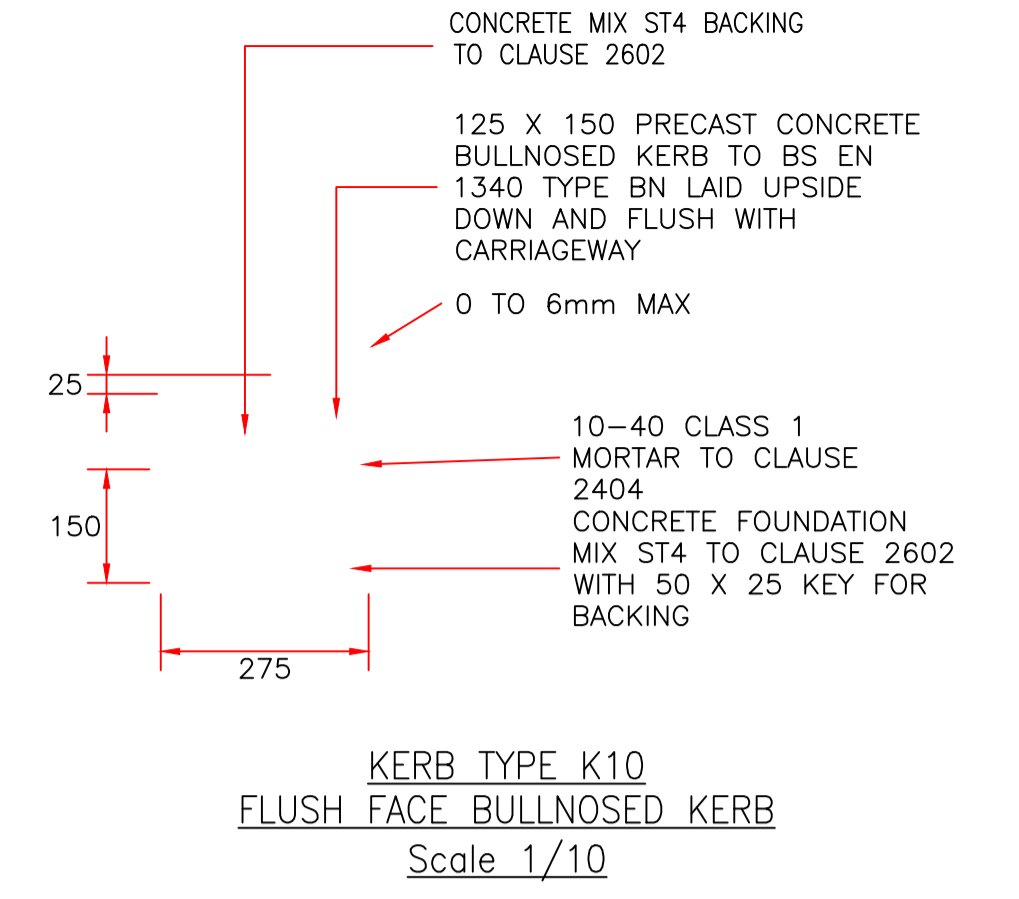
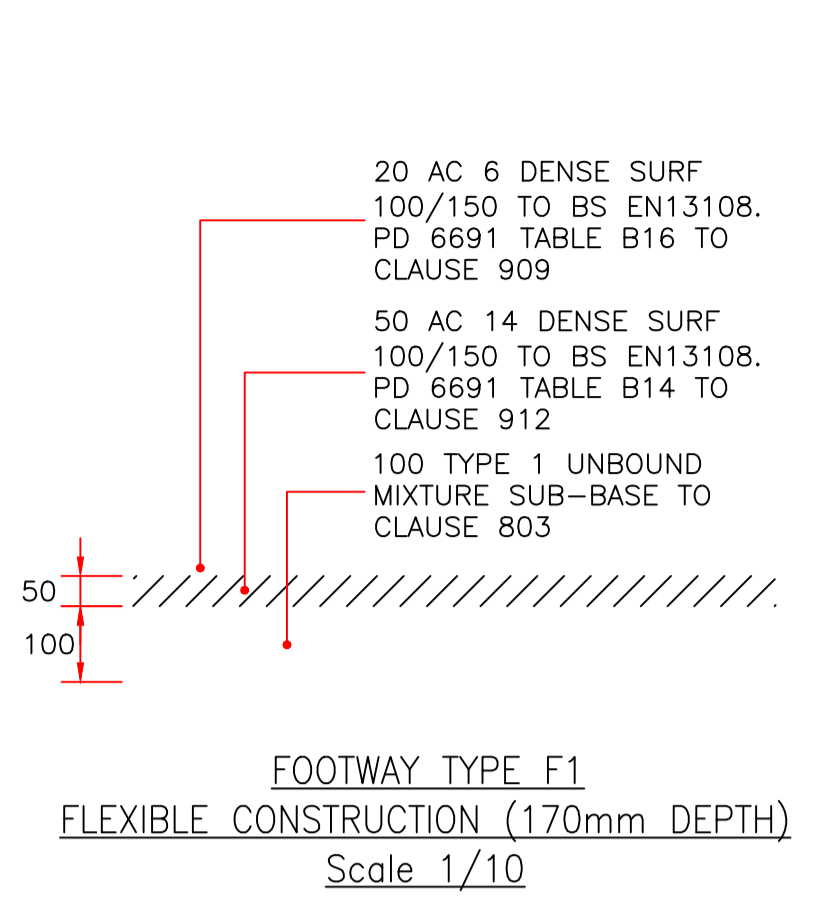
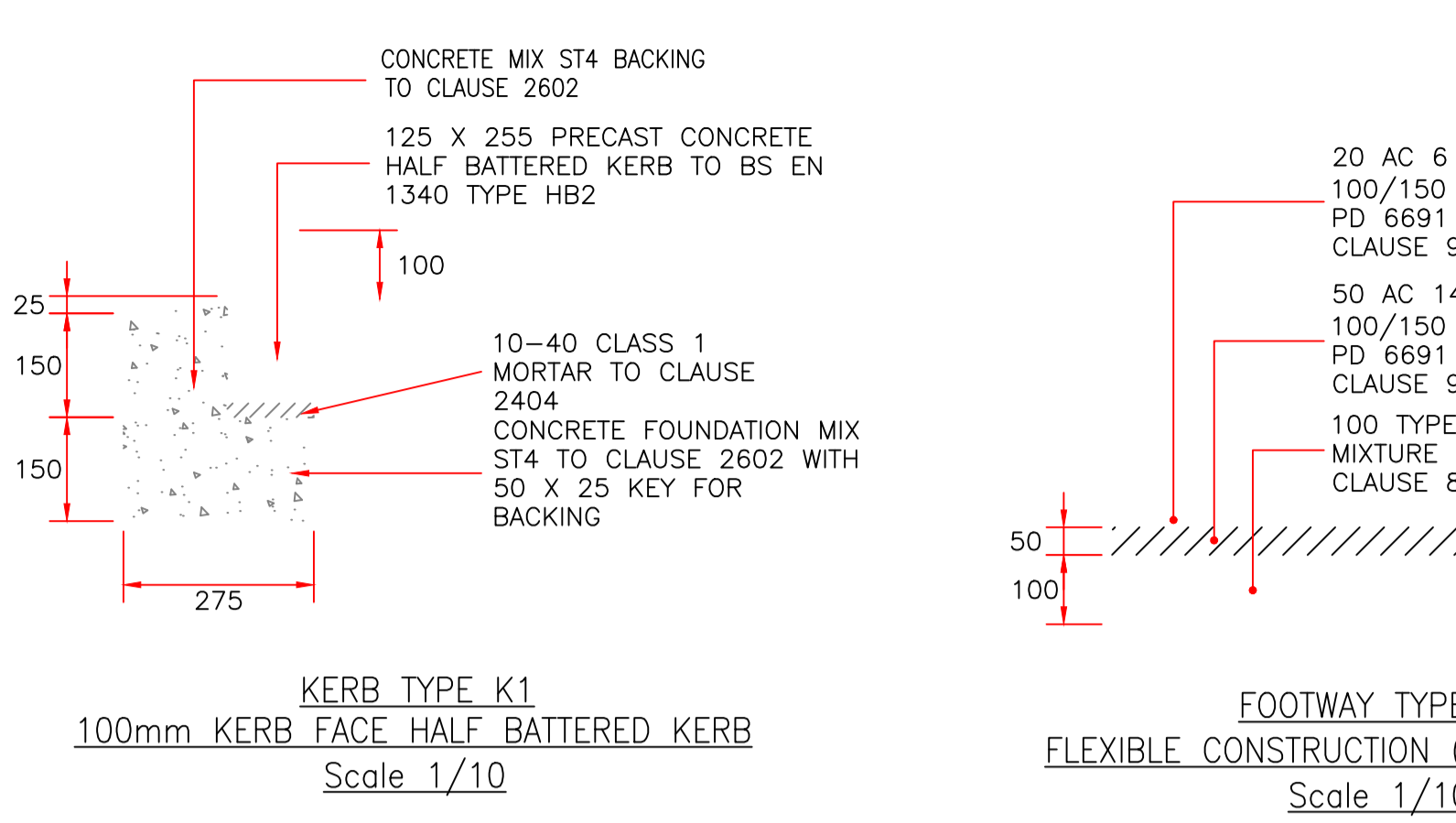




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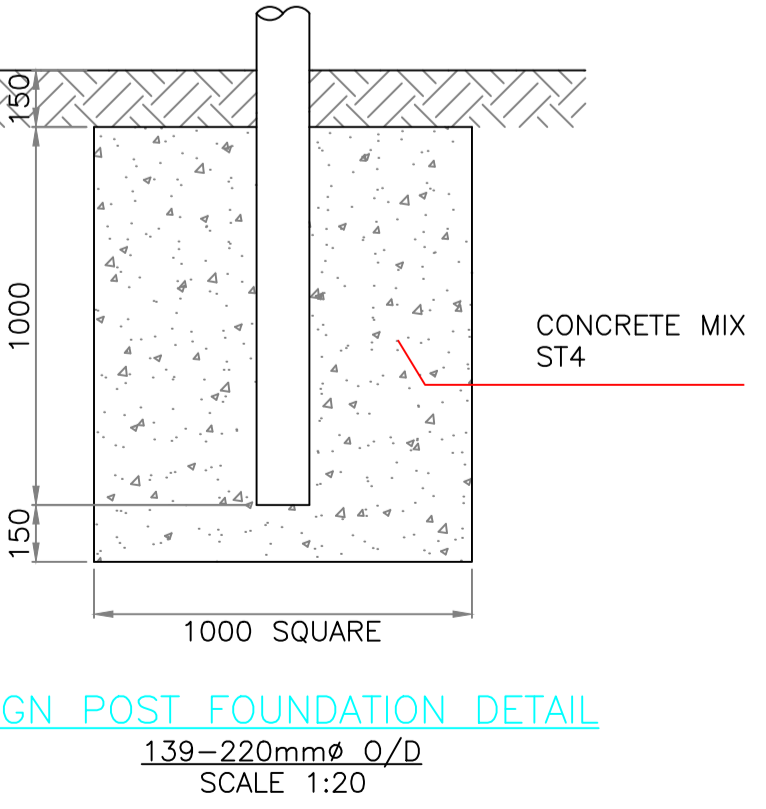
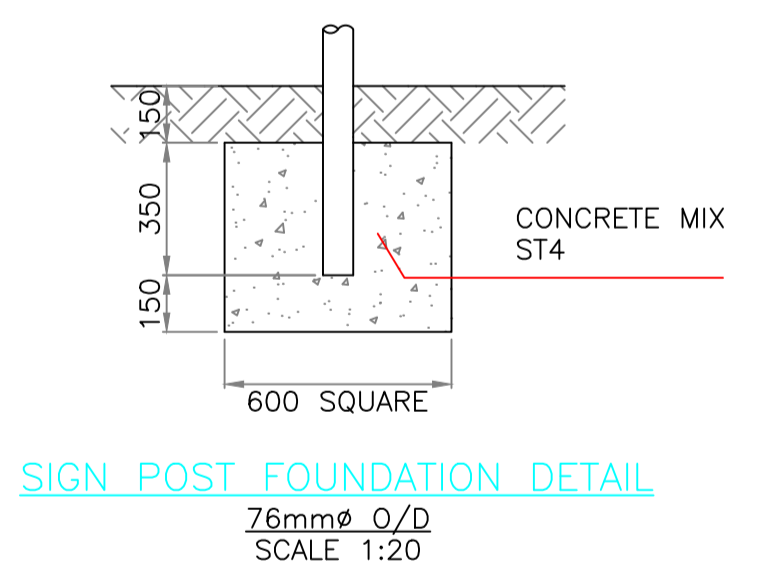
- NOTES:**
- 1.0. TRAFFIC SIGNS**
- 1.1 NEW SIGNS TO COMPLY WITH BS EN 12899-1:2007, AND NATIONAL ANNEX. BE MANUFACTURED FROM ALUMINIUM COMPOSITE PANEL WITH CLASS RA2 SIGN FACE SHEETING UNLESS STATED OTHERWISE IN TRAFFIC SIGN SCHEDULE.
  - 1.2 DESIGN WIND-LOADING TO DETERMINE SIGN SUPPORT AND FOUNDATION 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 MHSS 3 APPROVED SOURCES.
  - 1.4 ENSURE POSTS DO NOT PROTRUDE ABOVE SIGN EDGE.
  - 1.5 ENSURE 0.5m MINIMUM CLEARANCE FROM EDGE OF CARRIAGEWAY AND 1.2m ON HIGH SPEED DUAL CARRIAGEWAY.
  - 1.6 ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NCC STREET LIGHTING SECTION AND ANY EXTERNAL LIGHTING UNITS TO COMPLY WITH BS EN 12899-1:2007, AND NATIONAL ANNEX.
- 2.0. ROAD MARKINGS**
- 2.1 NEW MARKINGS TO BE IN WHITE THERMOPLASTIC SCREENED WITH APPLIED GLASS BEADS.
  - 2.2 ROAD MARKINGS SHOULD BE IN ACCORDANCE WITH CLAUSE 1212 OF SHW. RETRO-REFLECTIVITY REQUIREMENTS COMMENCE FROM THE DATE OF APPLICATION OR DATE OF TRAFFICING, WHICHEVER IS LATER, AND SHALL LAST FOR THE FUNCTIONAL LIFE OF THE MARKING. MARKINGS TO HAVE A REQUIREMENT OF A MINIMUM RETRO-REFLECTIVITY VALUE OF 200 MCD/M<sup>2</sup>/LX. 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.
- 3.0. SCHOOL FLASHING AMBER UNIT AND SOLAR PANEL**
- 3.1 FLASHING AMBER UNITS (TYPE 309 & 312) TO BE SIMON SIGNS LTD. PULSA/SMT/365/12/Z TYPE AND BE PROGRAMMABLE REMOTELY TO REFLECT SCHOOL OPENING/CLOSING TIME PERIODS, OMIT WEEKENDS AND SCHOOL HOLIDAYS.
  - 3.2 SOLAR PANELS TO BE SIMON SIGNS LTD 45 WATT PULSA/SMT/PNASSY089G.
  - 3.3 SOLAR PANEL TO BE FIXED TO TOP OF STEEL POST AND BE ORIENTATED TO FACE SOUTH.
  - 3.4 CABLE CONNECTIONS TO BE MADE BETWEEN SOLAR POWERED UNIT AND LED UNIT BY ELECTRICAL ENGINEER.
- 4.0. GENERAL**
- 4.1 ALL WORKS TO BE AGREED ON SITE PRIOR TO COMMENCEMENT.
  - 4.2 ANY QUERIES PLEASE CONTACT JOHN MATHER, COUNTY HALL, TEL. NO. 01670 624131.



NEW TRAFFIC SIGNS											
SIGN REF No.	TSR&GD 2016 DIAG No.	'x' HEIGHT	LEGEND	No. OF	SURFACE	APPROX SIZE (m)	POSTS/SIGN		MOUNTING HEIGHT (m)	REMARKS	
							DIA (mm)	LENGTH (m)	No. OFF		
301	Schedule 2 Part 2 Item 25 Diagram 545	-		1	CLASS RA2	0.6	139	5.5	1	3.1	TO BE LOCATED IN FOOTWAY AT APPROXIMATE LOCATION OF SIGN REF No. 201 TO BE REMOVED.
302	Schedule 14 Part 2 Item 69 Diagram 545.1	50 100 50		1	CLASS R2	0.435 x 0.700	-	-	-	2.1	TO BE MOUNTED BENEATH SIGN REF No. 304 ON EXISTING POST.
303	Schedule 14 Part 2 Item 23 Diagram 4004	-		1	CLASS R2	0.195 x 0.66	-	-	-	1.4	TO BE MOUNTED BENEATH SIGN REF No. 302 ON EXISTING POST. SEE DETAIL.
304	Schedule 2 Part 2 Item 25 Diagram -	75		1	CLASS RA2	0.595 x 0.28	-	-	-	2.8	TO BE MOUNTED BENEATH SIGN REF No. 301 ON EXISTING POST.
305	Schedule 2 Part 2 Item 25 Diagram 545	-		1	CLASS RA2	0.6	139	5.5	1	2.8	TO BE LOCATED IN FOOTWAY AT LOCATION SHOWN (ENSURE SUITABLE CLEARANCES BETWEEN EDGE OF SIGN AND EDGE OF CARRIAGEWAY).
306	Schedule 14 Part 2 Item 69 Diagram 545.1	50 100 50		1	CLASS RA2	0.435 x 0.700	-	-	-	2.1	TO BE MOUNTED BENEATH SIGN REF No. 305 ON EXISTING POSTS.
307	Schedule 14 Part 2 Item 23 Diagram 4004	-		1	CLASS RA2	0.195 x 0.66	-	-	-	1.4	TO BE MOUNTED BENEATH SIGN REF No. 306 ON EXISTING POST. SEE DETAIL.
308	Schedule 2 Part 2 Item 43 Diagram 357.1	-		1	CLASS RA2	0.6	-	-	-	-	SEE REMARKS
309	Schedule 2 Part 2 Item 43 Diagram -	62.5		1	CLASS RA2	0.915 x 0.235	-	-	-	-	SEE REMARKS
310	Schedule 2 Part 2 Item 43 Diagram 357.1	-		1	CLASS RA2	0.6	76	3.5	1	2.43	TO BE MOUNTED ON NEW POST AT LOCATION SHOWN.
311	Schedule 2 Part 2 Item 43 Diagram -	62.5		1	CLASS RA2	0.915 x 0.235	-	-	-	2.1	TO BE MOUNTED BENEATH SIGN REF No. 310 ON EXISTING POST.
312	Schedule 2 Part 2 Item 43 Diagram 357.1	-		1	CLASS RA2	0.6	76	3.5	1	2.43	TO BE MOUNTED ON NEW POST AT LOCATION SHOWN.
313	Schedule 2 Part 2 Item 43 Diagram -	62.5		1	CLASS RA2	0.915 x 0.235	-	-	-	2.1	TO BE MOUNTED BENEATH SIGN REF No. 312 ON EXISTING POST.
314	Schedule 13 Part 6 Item 37 Diagram 3014	75		3	CLASS RA2	1.0 x 0.375	-	-	-	-	TO BE LOCATED ON FOOTWAY WITHOUT OBSTRUCTING PEDESTRIANS

NEW ROAD MARKINGS						
REF No.	TSR&GD 2016 DIAG No.	MARK (m)	GAP (m)	WIDTH (m)	ROAD STUDS	USE
A	Schedule: 9 Part 6 Item: 3 Diagram: 1003A	0.6	0.3	0.2	-	GIVE WAY ROAD MARKING
B	Schedule: 11 Part 4 Item: 8 Diagram: 1009A	0.6	0.3	0.1	-	GIVE WAY EXTENSION LINE
C	Schedule: 11 Part 4 Item: 2 Diagram: 1004	4.0	2.0	0.1	-	CENTRE LINE
D	Schedule: 9 Part 6 Item 4 Diagram: 1023A	3.75	-	1.25	-	GIVE WAY TRIANGLE
E	Schedule: 11 Part 4 Item: 33 Diagram: 1062	0.75 MAX	-	-	-	ROAD HUMPS TRIANGLE
F	Schedule: 7 Part 4 Item: 6 Diagram: 1028.4	1.0	1.0	0.1	-	PARKING BAY MARKING
G	Schedule: 11 Part 4 Item: 25 Diagram: 1040.4	4.0	2.0	0.1	-	OUTER LINE OF HATCHING FROM KERB
H	Schedule: 11 Part 4 Item: 25 Diagram: 1040.4	VARIES	2.0	0.1	-	HATCHING FROM KERB

EXISTING TRAFFIC SIGNS TO BE TAKEN DOWN AND DISPOSED OF OFF SITE										
SIGN REF No.	TSR&GD 2016 DIAG No.	'x' HEIGHT	LEGEND	No. OF	SURFACE	APPROX SIZE (m)	POSTS/SIGN		MOUNTING HEIGHT (m)	REMARKS
							DIA (mm)	LENGTH (m)	No. OFF	
301	545	-		1	-	-	-	-	-	SIGN AND SINGLE POST TO BE TAKEN DOWN AND DISPOSED OF OFF SITE.



Revised: \_\_\_\_\_ By: [CHK] App: [DOR] Rev: \_\_\_\_\_  
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Drawing Status: **CONSTRUCTION**

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

Job Title: **B1334 NEWBIGGIN ROAD, ASHINGTON**

Drawing Title: **CONSTRUCTION DETAILS**

Scale(s): 1:500

**Northumberland County Council**  
Technical Services

Drawn: SY Date: SEP'20 Checked: KB Passed: GM

Drawing Number: **HC19545/01/B1334/01/02**

Oracle Number: **HC19545**