



**Kerbing Details:**  
 E1 = 50mm x 150mm pcc edging kerb (0mm upstand)  
 K2 = 125mm x 150mm bullnosed pcc kerb (100mm upstand)  
 K3 = 125mm x 255mm pcc transition kerb  
 K4 = 125mm x 255mm pcc transition kerb  
 dc = Pedestrian drop crossing

**TACTILE PAVING:**  
 70mm thick 450 x 450mm buff coloured tactile block paving.

**TACTILE NOTES:**

- Except where cutting is necessary, blocks shall be 450mm x 450mm x 70mm. Concrete blocks to local authority specifications. No cuts to be less than 200mm at shortest dimension.
- Flags shall be laid in accordance with DETR recommendations.
- The dropped kerb detail to tactile paving should satisfy the requirements to figure 1 of "The Guidance on the use of Tactile Paving Surfaces" published by the DETR.
- Tactile paving flags to be buff in colour at uncontrolled crossing point.
- Location of tactile paving flags to be set out and agreed with local highways authority inspecting officer.
- All details to be agreed with local highway authority.
- Tactile paving detail to be read in conjunction with the latest revision of Kirklees Council Standard Details drawing number HD/SD/1111.

**Kerbing Notes:**

- All kerbing and edging to be carried out in accordance with Appendix 11/1, Specification for Highway Works and Kirklees Council standard details and to be in accordance with BS EN 1340:2003 unless otherwise instructed by the local inspecting officer.
- voids formed in the existing carriageway by removal of kerbs shall be filled with concrete mix ST1.
- The contractor is to provide a pedestrian route through the works shall be maintained at all times and clearly defined by suitable barriers and lights where necessary.
- 200x100x8mm Ø mild steel hoops may be omitted if kerbs are to be wet laid.
- Concrete bed and backing to Grade ST1 concrete clause 2606.
- Although the underside of foundations are shown horizontal on the detail, allowance must be made for cross falls of formations and pavement courses.
- In accordance with Clause 1101 kerbs shall be laid and bedded in accordance with BS7533-6 on a mortar bed on a concrete pavement slab, a base or a C6/8 or ST1 in accordance with BS8500-2 concrete foundation.
- The depth of foundations, beds channels etc. shall be 150mm, unless otherwise shown.
- Unless otherwise shown on the drawing all kerbs to be vertical and upstand 125mm above the adjacent finished road surface.
- Where applicable pedestrian dropped crossing kerb face to have 0mm at high side crossing points and 6mm upstand at low side.
- Precast concrete kerbs and edgings to BS EN 1340.
- All kerbs and edgings to be laid in accordance with BS 7533-6.
- The mortar bed may be omitted if kerbs are being laid on wet laid concrete.
- All tactile paving shown is indicative only. All tactile paving shall be agreed on site with Highway Authority supervising engineer prior to construction.

**KEY**

1003A - 600mm length, 300mm gap, 200mm height  
 1004 - 400mm length, 200mm gap, 100mm height  
 1009A - 600mm length, 300mm gap, 100mm height  
 1018.1 - Double yellow markings, 100mm height  
 1055.1 - Delineation studs marking highway boundary

**Road Marking Notes:**

- This Drawing to be read in conjunction with Appendix 12/1 & 12/3 of the specification within the contract documents and the "Traffic Signs Regulations and General Directions 2002" and Traffic Signs Manual.
- All thermoplastic road markings should be in accordance to BS EN1871. For more information refer to Manual of Contract Documents for Highway Works Volume 1 Series 1200.
- All existing road markings affected by the works shall be removed in accordance with clause 1212 of the Specification for Highway Works.
- All proposed illuminated road signs and bollards to utilise existing connection where possible and laid in 50mm orange duct.
- All ducts laid in footway to be at a minimum depth of 450mm and 750mm within the carriageway.
- Backfilling of trenches to be in accordance with Series K of Volume 3 of the MCHW.
- The highways contractor is to excavate and reinstate connection pits to the front of each lighting column and reinstate with type 1 sub base unless otherwise agreed with the inspecting highway officer.
- All street name plate positions to be agreed with the local inspecting officer.
- Stainless steel crossing studs are to be used at the access to the store car park to delineate limit of adoption. Studs should be retro reflective and in accordance with BS EN 1364-1. Refer to MCHW series 1200 and TSM chapter 5 for Guidance.

**KEY**

K1 K3 K2 K2 K4 K1

Length of dropped crossings vary to suit crossing detail

**NEW ROAD LAYOUT AHEAD**

TS001 (TSRGD 7014)

Signs TS001 (TSRGD 7014) are temporary signs and should be removed within 3 months of the completion of the works in accordance with Regulation 37 of the Traffic Signs Regulations and General Directions 2016 and should be sited in accordance with Appendix A of the Traffic Signs Manual Chapter 4.

|             |               |                          |           |                    |
|-------------|---------------|--------------------------|-----------|--------------------|
| Scheme Ref. | Sign Ref.     | TS001 (TSRGD 7014)       | x-height  | 150                |
|             | Letter colour | WHITE                    | SIGN FACE |                    |
|             | Background    | RED                      | Width     | 1400mm             |
|             | Border        | WHITE                    | Height    | 1465mm             |
|             | Material      | Class RAZ (12899-1:2007) | Area      | 2.17m <sup>2</sup> |

| POST(S) & FOUNDATIONS |             |               |                     |
|-----------------------|-------------|---------------|---------------------|
| Mounting Height       | 2100mm      | Bases         | Individual          |
| Number                | 1           | Base Width    | 500mm               |
| Size                  | 76.1x3.2CHS | Base Length   | 700mm               |
| Length                | 3500mm      | Base Depth    | 400mm               |
| Centres               | N.A.        | Base Vol. c/a | 0.28 m <sup>3</sup> |
| Illumination          | No          | Earth Cover   | 150mm               |

**POST MOUNTING NOTES:**

- All sign locations to be agreed and confirmed on site prior to installation.
- Fabrication "mock up" of all signs to be formally submitted and agreed with local highway authority prior to fabrication.
- Post foundations to be ST2 concrete.
- Post size and exact location of signs to be confirmed on site.
- Mounting height to be:  
 - 1500mm in verge  
 - 2100mm in footway  
 - 2300mm in cycleway
- All post to be passively safe.

Rev: \_\_\_\_\_ Date: \_\_\_\_\_ Amendment: \_\_\_\_\_ DRN: \_\_\_\_\_ CHK: \_\_\_\_\_ APR: \_\_\_\_\_

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Client: Lidl

Status: FOR APPROVAL

Scale: 1:200 Drawn: MM Chkd: BR Appvd: JP

Size: A1 - 841 x 594

Project: Proposed Store, Woodhead Road, Birstall, Kirklees

Title: S184 Kerbing and White Lining Plan

Revision: 05.05.21

Drawn: 23/435/S184/1100/001

Job No: 23-435

Revision: 05.05.21

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