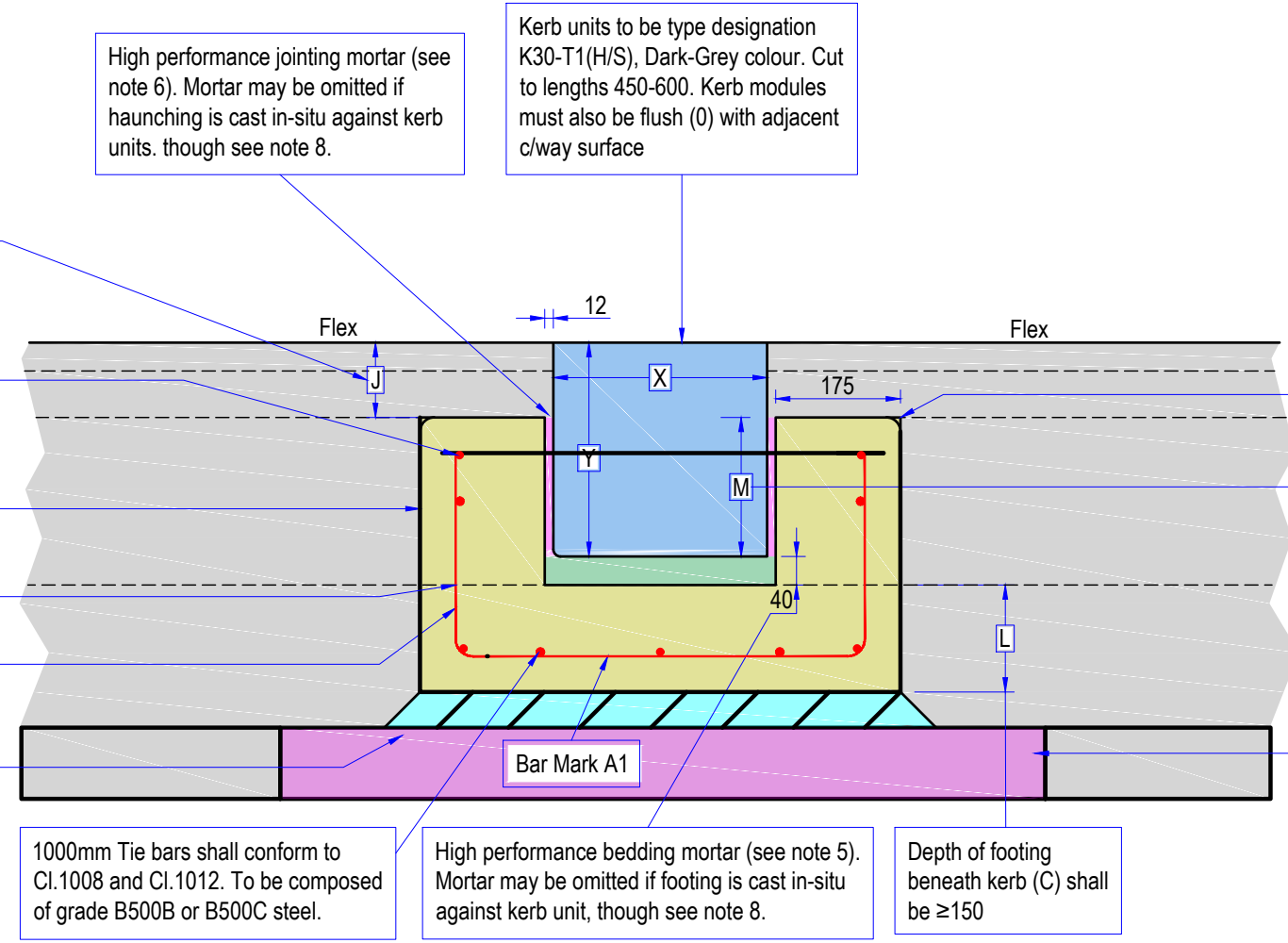


TYPE R - CROSS KERB FOOTING DETAIL

The following cross-kerb footing detail is applicable with flexible surfacing on either side in areas of light traffic (i.e. <0.5 MSA)



Depth of cover over backing (A) shall be equal to the full depth of surface and layer/binder course

12mm Transverse steel reinforcement, shall terminate ≥ 450 mm from slab edge, see also note 4

Reinforced concrete/HBM footing as Cl.1001. Nominal compressive concrete strength of C32/40.

Potential horizontal construction joint

Steel reinforcement (See Reinforcement Schedule)

50 ST1 concrete blinding as Cl.2602

1000mm Tie bars shall conform to Cl.1008 and Cl.1012. To be composed of grade B500B or B500C steel.

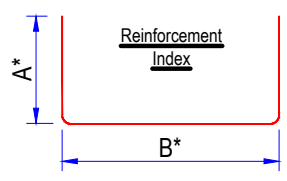
High performance bedding mortar (see note 5). Mortar may be omitted if footing is cast in-situ against kerb unit, though see note 8.

Depth of footing beneath kerb (C) shall be ≥ 150

Apply 25mm bullnose to all horizontal arrised of footing where overlying pavement layer is bituminous. Arrises to be square edged in other instances..

Depth of backed kerb shall be $\geq 0.65(Y)$ and accomodate the full depth of the Base course

Foundation if required by General Requirements 2 - 4 on LBS/1100/08-09



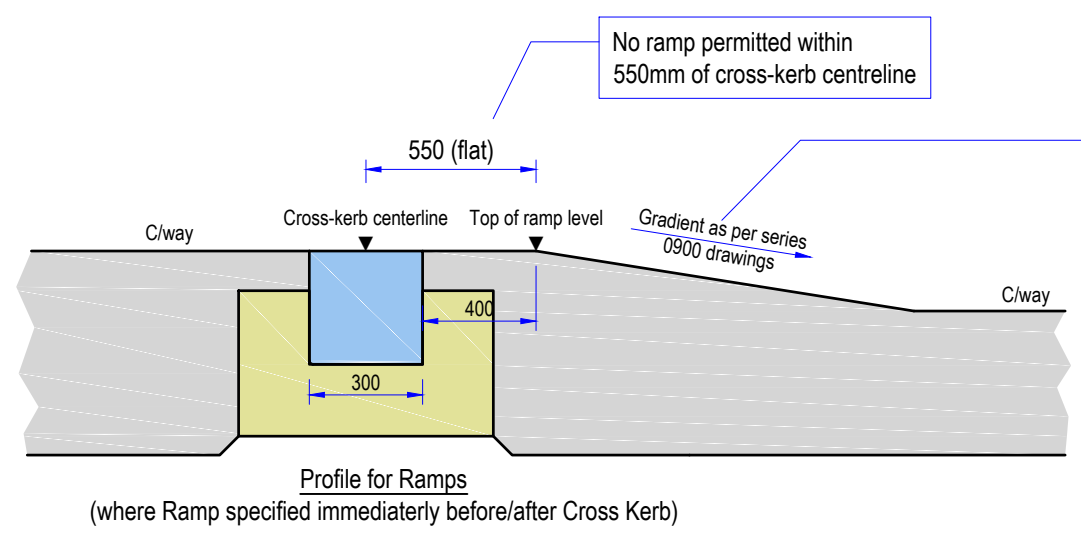
Reinforcement Schedule				
Bar Mark	Type (Dia)	Shape Code	A*	B*
A	12mm	21	=L+M**-100	574

Space at 450 ± 50 centres. Locate first/last instances at 125mm ± 50 from ends of footings and/or longitudinal joints.

*Reinforcement dimensions as per BS8666:2005 and shall conform with the min/max values therein

**M value to include mortar bedding depth if applicable

A1 - Typical section



Note to designer: Within series 0800 drawings you must specify, as a minimum, ground levels at the cross-kerb centerline and base of ramp. When doing so to achieve a particular ramp gradient remember to take into account the relatively flat section between the top of ramp and kerb edge. See SSDM/DSR Standard DS.111 for acceptable ramp gradients

NOTES

- All dimensions are in millimeters unless otherwise stated.
- Do not scale from this drawing. Use only written dimensions.
- All references to Clauses are references to those from the Southwark Highway Specification unless otherwise stated. In the event of any conflict between the drawings and these Clauses, then the Clauses shall prevail. Drawings to be used in conjunction with LBS/1100/01-07.
- Reinforcement shall conform to Cl.1008. Footing reinforcement cover to upper/outer finished faces to be 60 ± 10 .
- Bedding mortar to be 30-40 thick LMH1 L-MH2 or L-MHX as Cl.1115AR
- Jointing mortar to be 12 thick (± 2) J-MH1 or J-MHX as Cl.1115AR
- Longitudinal joints to be provided as sheet 2 where required in series 1100 drawings.
- All kerb faces that will be in contact with concrete or bedding/jointing mortar that forms part of their footing shall be treated with a 1-2mm thickness of 'Tuffbond' by Steintec (or similar approved by the Employer) immediately before installation.
- Both upper kerb arrises flush with neighbouring pavement surface

REV	DATE	REVISION DESCRIPTION / DETAILS	DRN BY	CHKD BY	APPRD BY



PROJECT:		SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS			
TITLE:		FOOTINGS FOR EDGE RESTRAINTS TYPE R - CROSS KERB FOOTING DETAIL			
STATUS:	DRAFT	DRAWN:	OM	DESIGNED:	OM
SCALE:	1:10 : A3	CHECKED:	DR	APPROVED:	DR
DRAWING NO:	LBS/1100/34	REV:	-		
DATE DRAWN:	JULY 2017	DATE ISSUED:	28 Feb 2019		