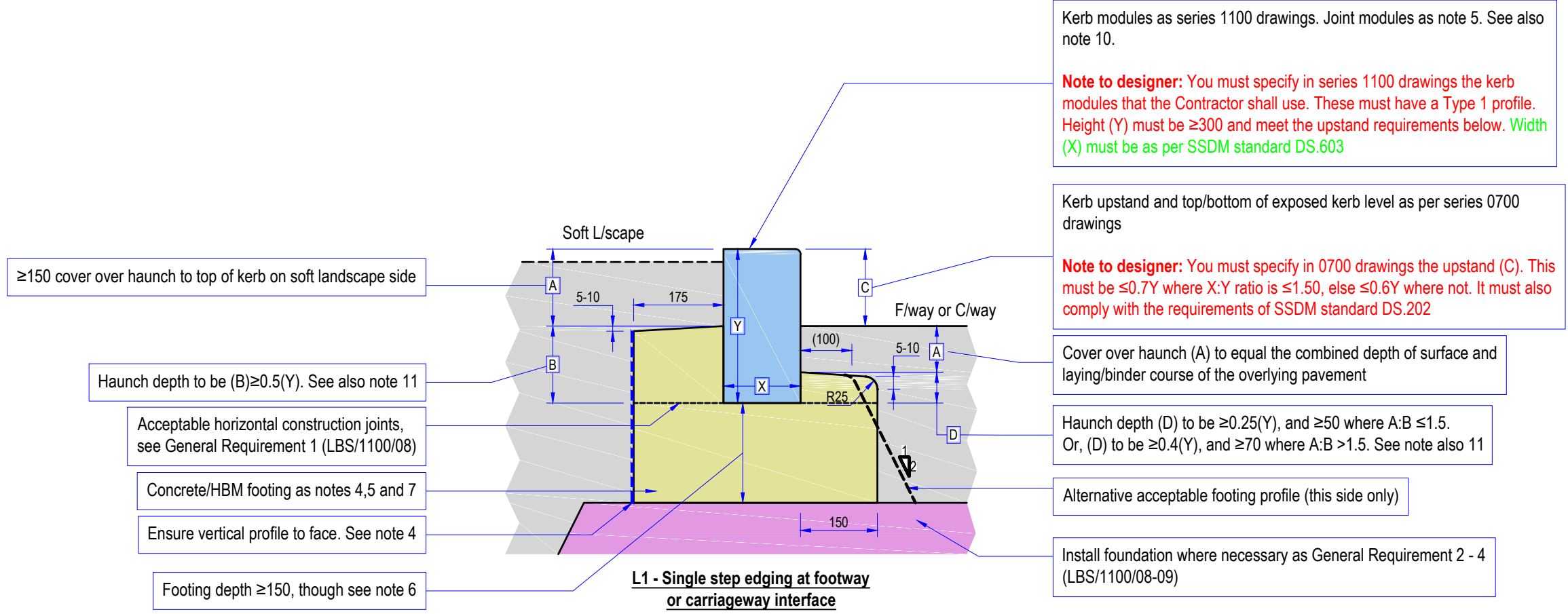


TYPE L - RAISED KERB EDGING TO PLANTING SPACE



Kerb modules as series 1100 drawings. Joint modules as note 5. See also note 10.

Note to designer: You must specify in series 1100 drawings the kerb modules that the Contractor shall use. These must have a Type 1 profile. Height (Y) must be ≥ 300 and meet the upstand requirements below. Width (X) must be as per SSDM standard DS.603

Kerb upstand and top/bottom of exposed kerb level as per series 0700 drawings

Note to designer: You must specify in 0700 drawings the upstand (C). This must be $\leq 0.7Y$ where X:Y ratio is ≤ 1.50 , else $\leq 0.6Y$ where not. It must also comply with the requirements of SSDM standard DS.202

Cover over haunch (A) to equal the combined depth of surface and laying/binder course of the overlying pavement

Haunch depth (D) to be $\geq 0.25(Y)$, and ≥ 50 where A:B ≤ 1.5 . Or, (D) to be $\geq 0.4(Y)$, and ≥ 70 where A:B > 1.5 . See note also 11

Alternative acceptable footing profile (this side only)

Install foundation where necessary as General Requirement 2 - 4 (LBS/1100/08-09)

≥ 150 cover over haunch to top of kerb on soft landscape side

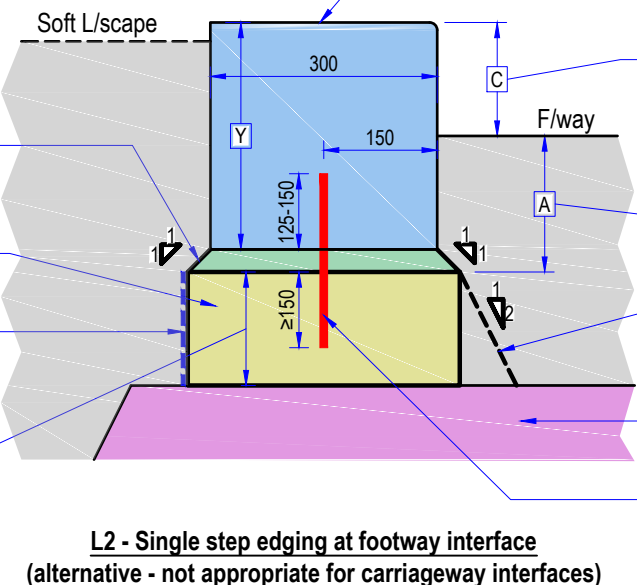
Haunch depth to be (B) $\geq 0.5(Y)$. See also note 11

Acceptable horizontal construction joints, see General Requirement 1 (LBS/1100/08)

Concrete/HBM footing as notes 4,5 and 7

Ensure vertical profile to face. See note 4

Footing depth ≥ 150 , though see note 6



Kerb modules as series 1100 drawings. Joint modules as note 5. See also note 10.

Note to designer: You must specify in series 1100 drawings the kerb modules that the Contractor shall use. These must have a Type 1 profile. Height (Y) must be ≥ 225 and meet the upstand requirements below

Kerb upstand and top/bottom of exposed kerb level as per series 0700 drawings

Note to designer: You must specify in 0700 drawings the upstand (C). This must comply with requirements of SSDM/DSR design standards DS.202 and DS.501. Typically these require an upstand of ≥ 150

Cover over haunch (A) to equal the combined depth of surface and laying/binder course of the overlying pavement

Alternative acceptable footing profile (this side only)

Install foundation where necessary as General Requirement 2 - 4 (LBS/1100/08-09)

Dowel bars as note 9. Space at 450-550 centres with 2 minimum per module. Fix dowels into modules using proprietary resin system as note 13

Bed on 30 of L-MH2, L-MH3 or L-MHX fine bedding concrete as Cl.1115AR

Concrete/HBM footing as notes 4, 5 and 7


Ensure vertical profile to face. See note 4

Footing depth ≥ 150 , though see note 6

NOTES

- All dimensions are in millimetres 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.
- Footings shall be either concrete as Clause 1001, ancillary concrete as Clause 2602 or a CBGM as series 800 Clauses. In either instance the minimum compressive strength class shall be C16/20. Formwork and shuttering shall be used in all instances to make efficient use of these materials and to achieve required profiles.
- Kerbs and footings shall be laid as Cl.1101SR and Cl.1112AR.
- Kerbs shall be 6-12mm jointed using J-MWK6 mortar as Cl.1115AR.
- Movement joints shall be provided through footings/beams/haunching as Cl.1101SR.
- Minimum 75 terrace between base of subbase fill slope and any further subgrade cut slope.
- If it is specified in series 1100 or 3000 drawings to install root deflectors against the restraint on the soft landscaped side, then extend the footing depth as necessary so that the deflector is backed with HBM/concrete to its entire depth.
- 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.
- If a horizontal construction joint is introduced then the depth of haunch above this shall be ≥ 100 .
- Dowel bars to be 20 mild steel as BS EN 13877-3:2004, grade B500B.
- Proprietary resin system for fixing dowels into kerb modules shall be "HIT-RE 500" by HILTI or similar approved by the Overseeing Organisation in advance. The same shall be used to fix dowels into concrete/HBM footings if they are not installed when these are fresh.
- Alternative footing profiles (General Requirement 1) not to be used if reinforcement is incorporated into details.

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


 Council
 southwark.gov.uk
 160 TOOLEY STREET LONDON SE1P 5LX

PROJECT: SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS

TITLE: FOOTINGS FOR EDGE RESTRAINTS TYPE L - RAISED KERB EDGING TO PLANTING SPACE

STATUS: DRAFT	DRAWN: OM	DESIGNED: OM
SCALE: 1:10 @ A3	CHECKED: DR	APPROVED: DR
DRAWING NO: LBS/1100/27	REV: -	
DATE DRAWN: JULY 2017	DATE ISSUED: 26 Feb 2019	