ISO FULL BLEED A3 420 X 297 MM
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TYPE E - RAISED LIP KERB FOR TRAFFIC ISLANDS INCORPORATING STAGGERED CROSSINGS)

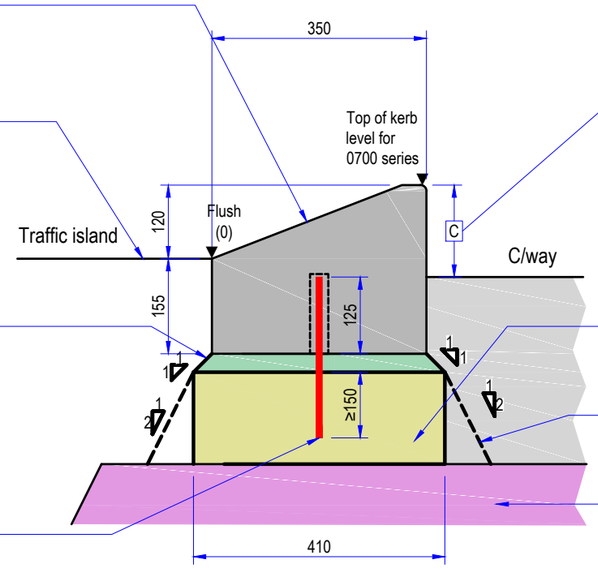
Install type designation KM-TI-1 or TM-TI-2 kerb modules as LBS/1100/01-07, as instructed in series 1100 drawings. Joint modules as note 5. See also note 10.

Note to designer: You must specify in series 1100 drawings which of these modules are to be used where.

Note to designer: The upstand requirement to the carriageway edge (C) will typically require the traffic island level to be 30-55 above the carriageway.

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

Pin kerb modules to footing beam using dowel bars as notes 15. Space at 450-550 centres with 2 minimum per module. Fix dowels into modules using proprietary resign system as note 16



Note to designer: Upstand must also comply with the requirements of SSDM standard DS.202. This typically requires 150-175

Install C32/40 compressive strength concrete footing beam as Cl.1001. Depth ≥150. See also note 6

Alternative acceptable footing beam profile (both sides)

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

E1 - Traffic island stagger kerb

Note to designer: This detail is only suitable for the side lengths of islands within sections where pedestrians will circulate. Other details (typically Type A) should be used elsewhere on islands

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Do not scale from this drawing. Use only written dimensions.
3. 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.
4. Kerbs and footings shall be laid as Cl.1101SR and Cl.1112AR.
5. Kerbs shall be 6-12mm jointed using J-MWK6 mortar as Cl.1115AR.
6. Footings/beams/haunching shall be either concrete as Cl.1001, ancillary concrete as Cl.2602 or a CBGM as series 800 Clauses. In any 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.
7. Movement joints shall be provided through footings/beams/haunching as Cl.1101SR.
8. If a horizontal construction joint is introduced then the depth of haunch above this shall be ≥100.
9. Modules for modular trim to be as specified in the SSDM/SER/Surfacing Materials Palette for the relevant SSDM/RP designations.
10. Unless otherwise approved in writing by the Highway Authority precast concrete modules (other than cube modules) shall be 2-4mm jointed with J-SS1 sharp sand as Cl.1115AR. All other types of unit shall be 5-8mm jointed with J-MWK6 mortar as Cl.1115AR. Or

    Trim modules shall be 5-8 jointed with J-MH1 or J-MHX mortar as CL.1115AR where they are manufactured from natural stone. If they are precast concrete or clay then they shall be jointed as per the neighbouring footway surface unless instructed otherwise in writing.
11. 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 in writing in advance by the Overseeing Organisation) immediately before installation.
12. Where kerb construction is likely to withstand regular vehicle overrun from goods vehicles[1], pavement quality concrete shall be used for the kerb footing.
13. Reinforcement shall conform to Cl.1008.
14. Footing reinforcement cover to be 60 ± 10.
15. Dowel bars to be 20 mild steel as BS EN 13877-3:2004, grade B500B.
16. 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.

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

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

PROJECT:
SOUTHWARK STREETSCAPE
DESIGN MANUAL
STANDARD DETAILS

TITLE:
FOOTINGS FOR EDGE RESTRAINTS
TYPE E - RAISED LIP KERB FOR TRAFFIC ISLANDS
INCORPORATING STAGGERED CROSSINGS

STATUS: DRAFT		DRAWN	OM
		DESIGNED	OM
SCALE: 1:10 @ A3		CHECKED	DR
		APPROVED	DR
DRAWING NO: LBS/1100/18		REV: -	
DATE DRAWN: JUNE 2017	DATE ISSUED: 25 Feb 2019		

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