

TYPE F - CONCEALED OR INTERMEDIARY RESTRAINT (AND/OR SURFACE CHANNEL) IN FOOTWAY/CYCLEWAY

Paving modules as series 1100 drawings. Install as CI.1113AR. Lay modules to the bonding pattern below.

Note to designer: You must specify in Series 1100 drawings the paving modules that the Contractor shall use. See SSDM/SER Surfacing Material Palettes for permitted module options

Concrete/HBM footing as notes 6-7

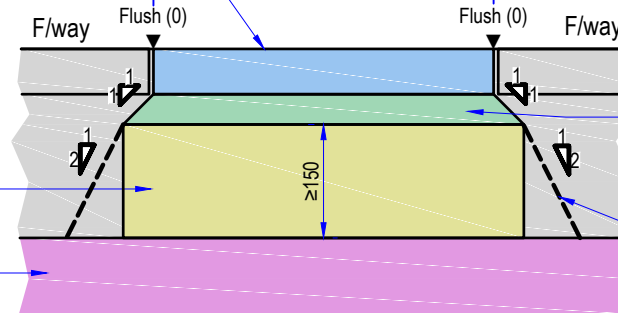
Install foundation where necessary as General Requirement 2 - 4 (LBS/1100/08-09)

Unbound flag/ slab surfaced pavement

Surfacing width as specified in series 1100 drawings

Unbound flag/ slab surfaced pavement

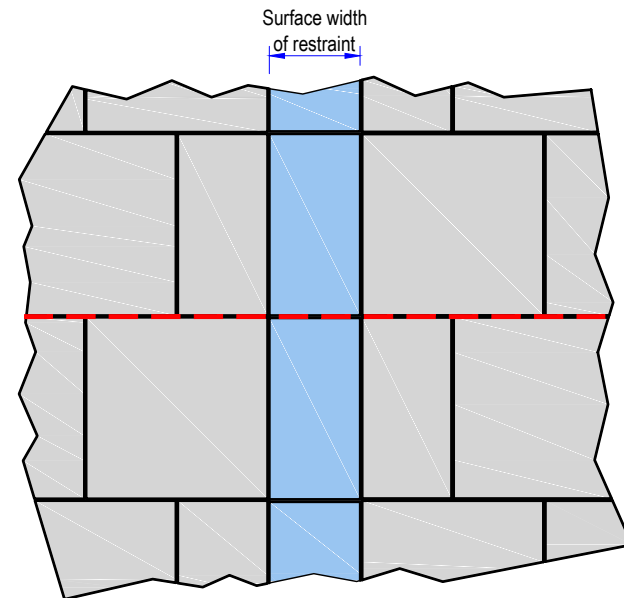
Note to designer: If the restraint is also being used as a surface channel then note that Palettes and SSDM/DSR Design Standards typically require fixed channel widths that match with gully cover widths. Whole modules will often need to be cut to size to achieve these. In other instances try to specify widths that allow whole modules to be used



Bed modules on 30 of L-MH3 or L-MHX fine bedding concrete as CI.1115AR. Joint as per the neighbouring surface unless otherwise instructed in Series 1100 drawings

Alternative acceptable footing profile (both sides)

F1 - Within unbound slab/ flag surfaced pavement



Surface laying bond as per series 1100

Note to designer: You must specify in series 1100 the surface bond that the contractor must use. Additionally, you may provide detailed laying arrangements in series 1000.

E1 - Stack Bond
Scale 1:25

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.
- Kerbs and footings shall be laid as CI.1101SR and CI.1112AR.
- Kerbs shall be 6-12mm jointed using J-MWK6 mortar as CI.1115AR.
- Footings/beams/haunching shall be either concrete as CI.1001, ancillary concrete as CI.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.
- Movement joints shall be provided through footings/beams/haunching as CI.1101SR.
- Modules for modular trim to be as specified in the SSDM/SER/Surfacing Materials Palette for the relevant SSDM/RP designations.
- Unless otherwise specified in series 1100 drawings:
 - Precast concrete flag modules shall be 2-4 jointed with J-SS1 sharp sand as CI.1115AR.
 - Natural stone slab modules shall be 5-8 jointed with J-MH1 or J-MHX mortar as CL.1115AR.
- If the pavements to either side of a restraint are also being resurfaced then - if the restraint will run parallel or perpendicular (as appropriate) to the direction of the paving bond used to the pavement surfaces as per Series 1000 drawings - align the joints across all 3 surfaces so that they are co-linear and the restraint is visually concealed. Align joints to conceal restraint surfaces as far as possible in other instances too.
- Alternative footing profiles (General Requirement 1) not to be used if reinforcement is incorporated into details.

LEGEND

--- Indicative alignment of joints across neighbouring surfaces, see note 10

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



PROJECT: SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS

TITLE: FOOTING FOR EDGE RESTRAINTS TYPE F - CONCEALED OR INTERMEDIARY RESTRAINT SHEET

STATUS:	DRAFT	DRAWN	OM
		DESIGNED	OM
SCALE:	1:10 @ A3	CHECKED	DR
		APPROVED	DR
DRAWING NO:	LBS/1100/19	REV:	-
DATE DRAWN:	JUNE 2017	DATE ISSUED:	25 Feb 2019