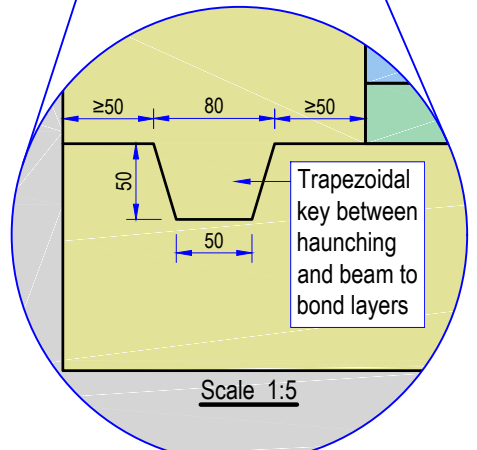
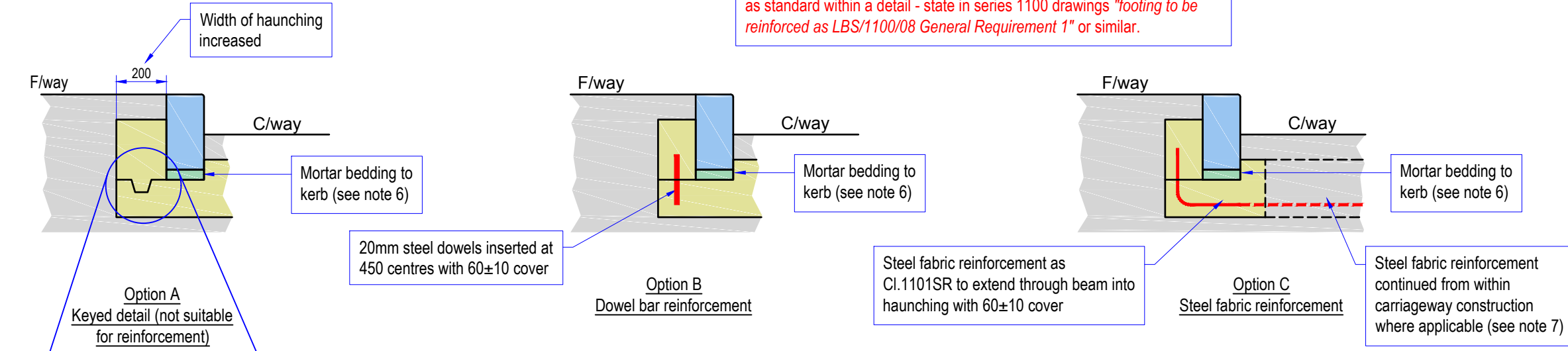


GENERAL REQUIREMENT 1: ADAPTING FOOTING DETAILS FOR HORIZONTAL CONSTRUCTION JOINTS AND/OR TO ACHIEVE REINFORCEMENT

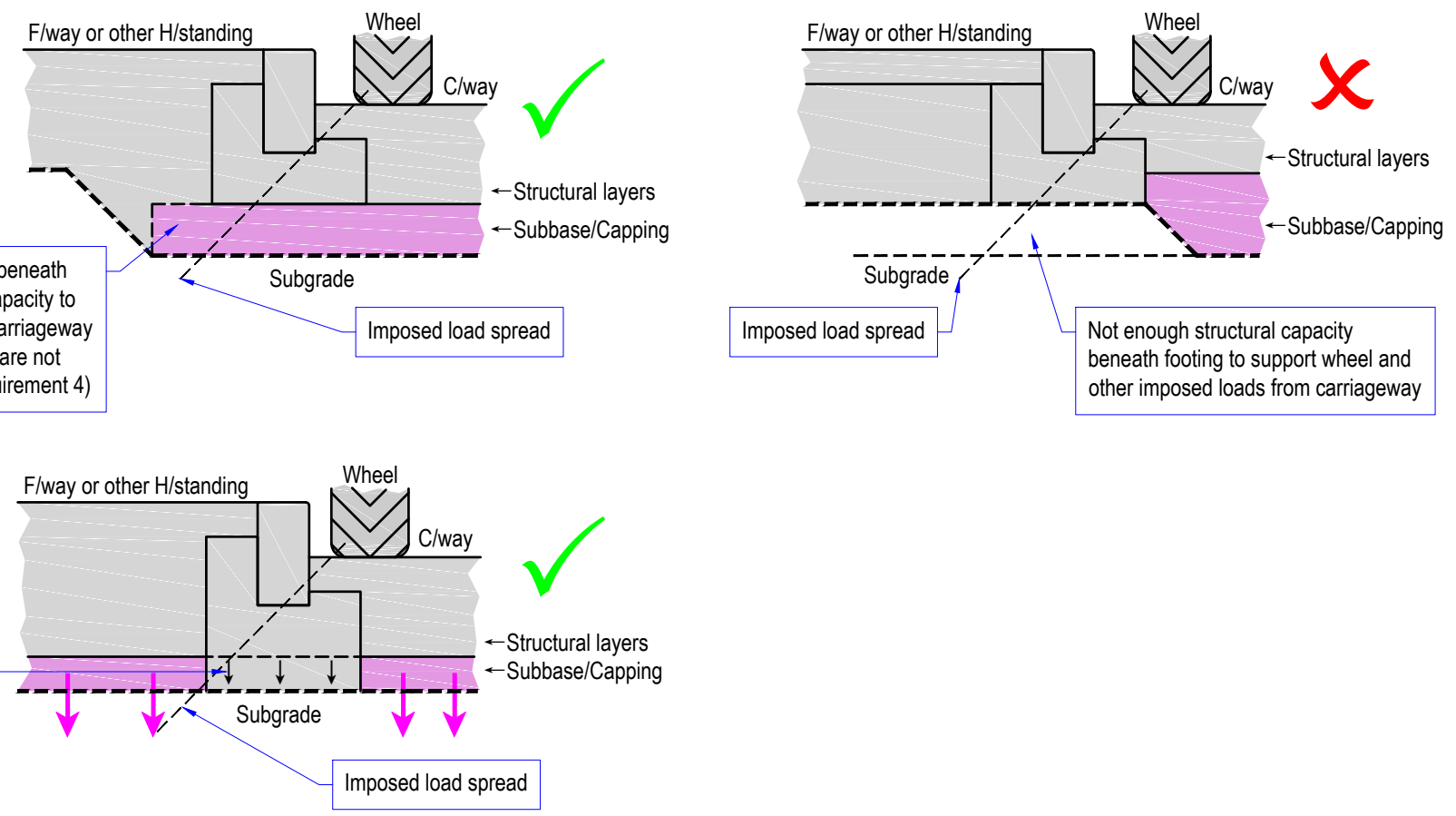
If kerbs and beams/haunching cannot be laid in one operation (or if reinforcement of haunching in non-reinforced details is required) standard details shall be adapted as per one of the options below to securely bed kerbs/link haunching to pre-cured beams. See also note 6

Note to designer: If you require footings to be modified to include steel reinforcement as options B or C below then - unless this is already required as standard within a detail - state in series 1100 drawings "footing to be reinforced as LBS/1100/08 General Requirement 1" or similar.



GENERAL REQUIREMENT 2: PROVIDE STRUCTURAL CAPACITY BELOW FOOTINGS

Ensure foundations below footings are sufficient to provide structural capacity for wheel and other loading from the carriageway edge whilst still providing effective sub-drainage as per General Requirement 3



C/way construction extended beneath footing to provide structural capacity to support imposed loads from carriageway (provided sub-drainage paths are not interrupted - see General Requirement 4)

Structural capacity to support loads imposed at carriageway edge provided by extending depth of kerb footing to be planar with formation/sub-formation level of carriageway pavement. Note - this is only acceptable where subgrade is permeable

NOTES

- All dimensions are in millimetres unless otherwise stated.
- Do not scale from this drawing. Use written dimensions only.
- 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 to 07.
- Kerbs and footings shall be laid as Cl.1101SR and Cl.1112AR.
- 100mm minimum thickness at any point of concrete/HBM used to footings within a single operation.
- All mortar bedding shall be as Clause Cl.1115AR. Unless specified differently on other Drawings -
 - 30-40 thick L-MH1, L-MH2 or L-MHX fine bedding concrete shall be used where the kerb is within 1.5m of the carriageway edge or will otherwise be trafficked by vehicles as at vehicle crossings
 - 25-40 thick L-MWK12 weak mortar bedding shall be used elsewhere.
- Where carriageway has a steel reinforced concrete or HBM base course, then continue steel into kerb footing where possible. Ideally install the reinforced basecourse and kerb footing beam as a single continuous construction
- Reinforcement shall conform to Cl.1008.
- Footing reinforcement cover to be 60 ± 10.

LEGEND

- Positive sub-drainage path
- Infiltration into permeable subgrade
- Prepared formation/ sub-formation as Cl.616/613
- Subbase/ Capping beneath kerb footing see notes 6 and 7

Important
General Requirements apply to all details on other sheets of this drawing

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



PROJECT: SOUTHWARK STREETSCAPE DESIGN MANUAL STANDARD DETAILS			
TITLE: FOOTINGS FOR EDGE RESTRAINTS GENERAL REQUIREMENTS (SHEET 1 OF 2)			
STATUS:	DRAFT	DRAWN	OM
SCALE:	1:20 @ A3	DESIGNED	OM
DRAWING NO:	LBS/1100/08	CHECKED	DR
DATE DRAWN:	JUNE 2017	APPROVED	DR
DATE ISSUED:	25 Feb 2019	REV:	-