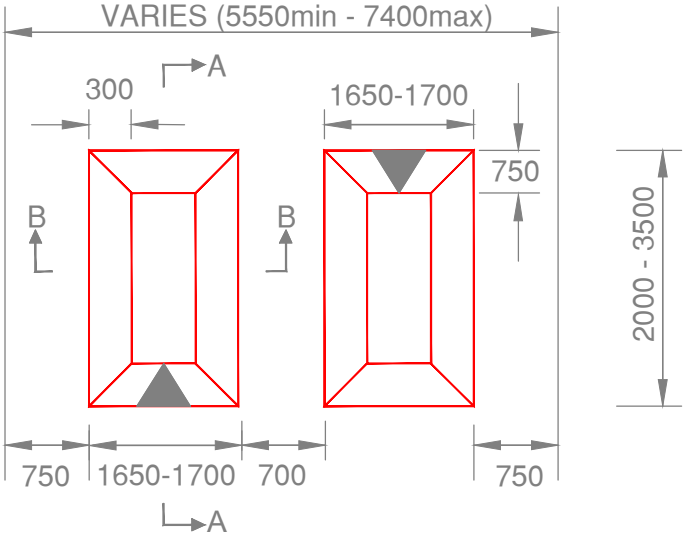
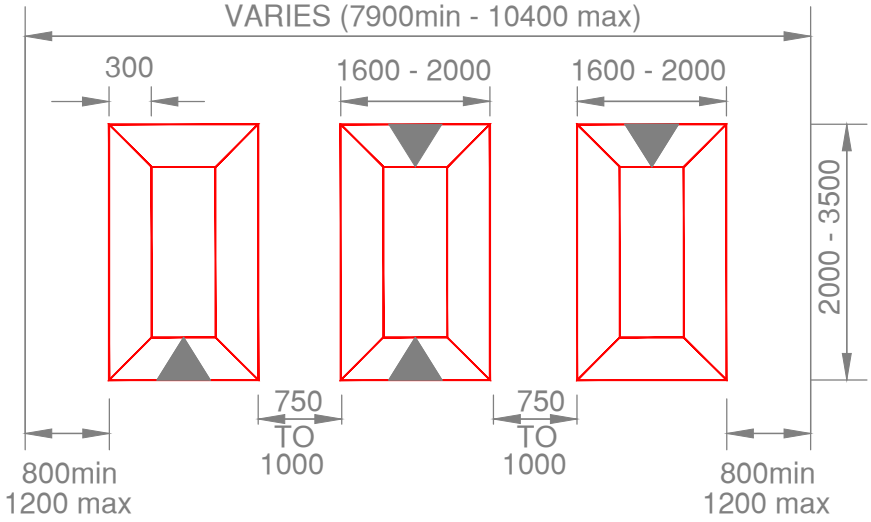
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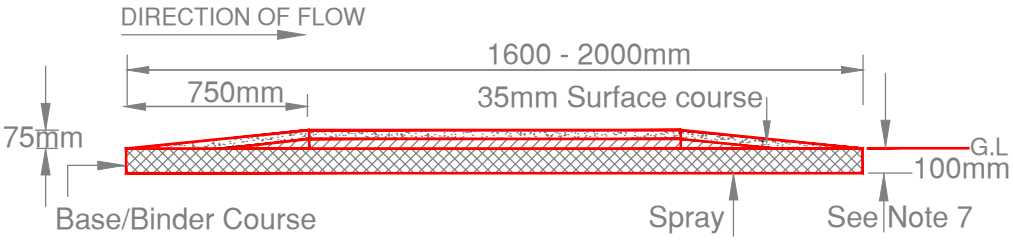
TWIN



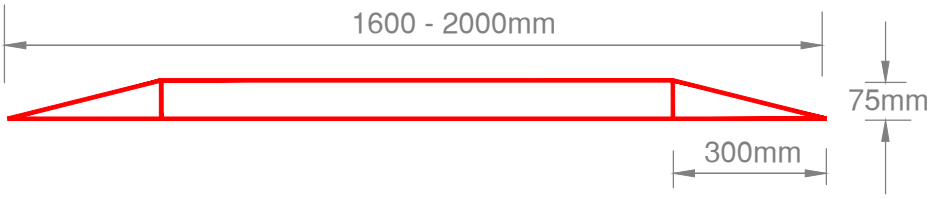
TRIPLE



SURFACE COURSE



CROSS SECTION A - A



TRANVERSE SECTION B-B

CONSTRUCTION

1. SAW CUT AREA OF CUSHION
2. SCARIFY OUT AREA
3. BS90 BITUMEN SPRAY TACK COAT
4. 140mm D.B.M BASECOURSE SHAPED TO FORM
5. 35mm DBM WITH 14mM NOMINAL SIZE (AS DETAILED) BS EN 13108 AC6 DENSE SURFACE
6. RED ZEBRAFLEX TO LEADING EDGE OF CUSHION
7. DEPTH BELOW CARRIAGEWAY SURFACE TO BE A MAXIMUM OF 100mm OR AS DISCUSSED ON SITE SUBJECT TO EXISTING CONSTRUCTION
8. DIMENSIONS OF CUSHION TO BE AS DETAILED IN BILL OF QUANTITIES.
9. ALL MEASUREMENTS IN MILLIMETRES
10. Tolerance on level measured longitudinally to be ±12mm. Height of humps to be 75mm ±3mm
11. For pre-built cushions and build out details see standard detail C16

GUIDELINES

1. Gradients
   a) Side ramp Max 1:4
   b) ON/OFF ramp Max 1:10
   c) ON/OFF ramp (curved) Max 1:5
2. Width
   a) STD 1650mm - 2000mm
   b) Bus routes 1700mm Maximum
   c) Width is governed by:
   i) Carriageway overall width
   ii) Type of traffic use
3. Length
   a) STD 2000mm
   b) Mini bus and/or dedicated ambulance routes 3500mm
4. Gap
   a) STD gap between cushions 750mm

NOTE

For carriageway widths between 7400mm and 7900mm, adjust carriageway width if feasible to accommodate cushions twin or triple

MANCHESTER CITY COUNCIL
Highways Services
PART OF NEIGHBOURHOOD SERVICES
PO Box 532
Town Hall
Manchester M60 2LA

PROJECT TITLE: Standard Details Carriageway

DRAWING TITLE: Insitu Speed Cushions

REV					
REV C	May 20	MA	MP	BW	
REV B	Aug 19	AP	MP	NM	
REV A	Mar 16	RPO	PS	DM	

SIZE	SCALE	DATE	DRAWN	CHECKED	APPROVED
A4	N.T.S	Aug 10	ST		

DRAWING NUMBER: STANDARD DETAIL C15

REV: C

CAD File : G:\CEX\Highways\Data\Info Technology\Configuration\Standard Details\2019\Carriageway\CAD\C15_Rev C.dwg

0 10 mm