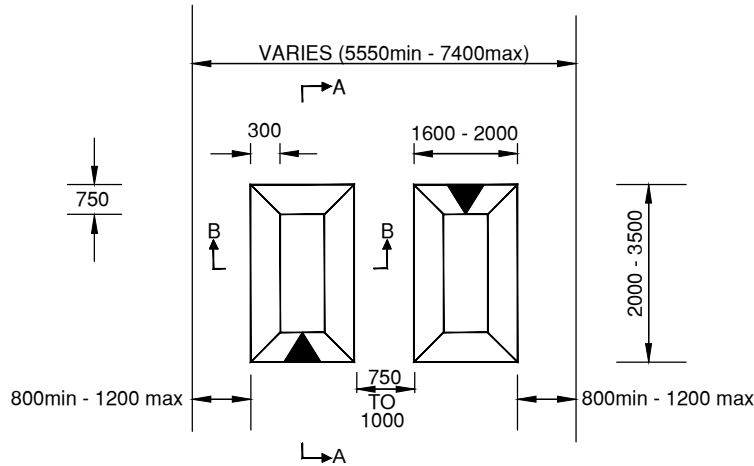
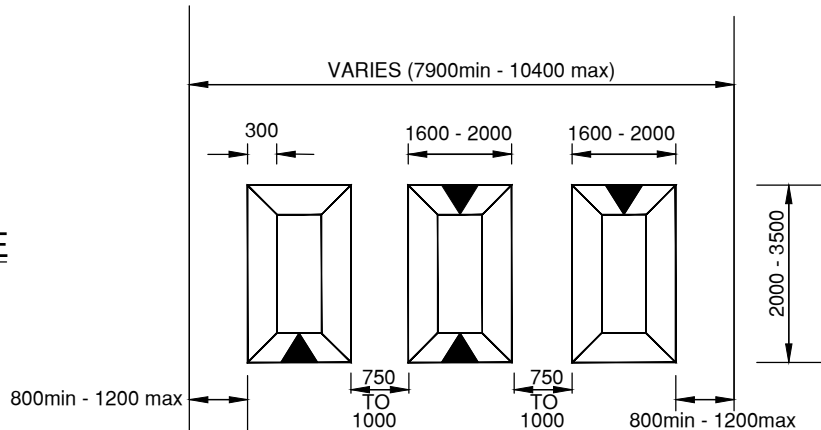


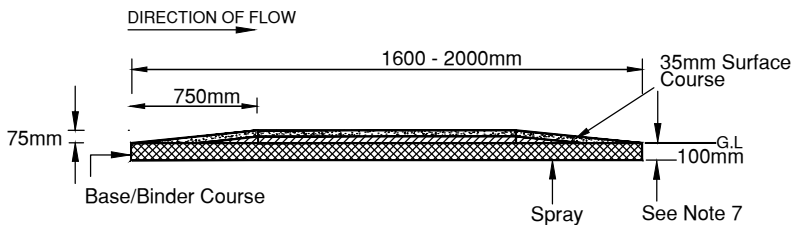
TWIN



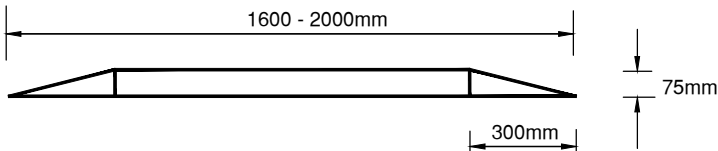
TRIPLE



SURFACE COURSE



CROSS SECTION A - A



TRANVERSE SECTION B-B

NOTE:

FOR CARRIAGEWAY WIDTHS BETWEEN 7400mm AND 7900mm, ADJUST CARRIAGEWAY WIDTH IF FEASIBLE TO ACCOMMODATE CUSHIONS TWIN OR TRIPLE. IF NOT PRACTICAL THEN NO CUSHIONS

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 CUSHIONS TO BE AS DETAILED IN BILL OF QUANTITIES.
9. ALL MEASUREMENTS IN MILLIMETRES
10. TOLERANCE ON LEVEL MEASURED LONGITUDINALLY TO BE $\pm 12\text{mm}$. HEIGHT OF HUMPS TO BE 75mm $\pm 3\text{mm}$
11. FOR PRE-BUILT CUSHIONS AND BUILD OUT DETAILS SEE STANDARD DETAILS 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) STANDARD 1700mm - 2000mm
 - b) BUS ROUTES 1700mm
 - c) MINIBUS AND/OR DEDICATED AMBULANCE ROUTES 1600mm
 - d) WIDTH IS GOVERNED BY:-
 - i) CARRIAGEWAY OVERALL WIDTH
 - ii) TYPE OF TRAFFIC USE
 - e) MAX WIDTH 2000mm
3. LENGTH
 - a) STANDARD LENGTH 2000mm
 - b) MINI BUS AND/OR DEDICATED AMBULANCE ROUTES 3500mm
4. GAP
 - a) STANDARD GAP BETWEEN CUSHIONS 750mm



**MANCHESTER
CITY COUNCIL**

Highways, Transport & Engineering

Corporate Core
PO Box 532
Town Hall
Manchester M60 2LA

PROJECT TITLE

Standard Details
Carriageway

DRAWING TITLE

Insitu Speed Cushions

SIZE

A4

SCALE

N.T.S

DATE

Mar 16

DRAWN

RPO

CHECKED

PS

APPROVED

DM

DRAWING NUMBER

STANDARD DETAIL C15

REV

A