

1900x2000 Speed Cushion Scale 1:20

NOTES:

 $\begin{array}{l} \underline{\text{GENERAL}} \\ \text{1. THIS DRAWING HAS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT CONTRACT} \end{array}$

- 2. CONTRACTOR TO ENSURE THAT ALL POINTS OF CONJECTURE WITH REGARDS TO ALL DRAWNOS, CONTRACT DOCUMENTS, BILLS OF QUANTITIES AND GENERAL WORKS ARE RESOLVED AND AGREED WITH ANOUS COUNCIL'S ENGINEER PRIOR TO WORKS COMMENCING.
- 3 ALL WORKS ARE TO BE IN ACCORDANCE WITH THE DESIGN MANUAL FOR ROADS AND BRIDGES' AND THE 'MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAYS WORKS' AND ANGUS COUNCIL'S ROAD STANDARDS WHERE APPROPRIATE.
- 4. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED.
- 5. ENGINEER MUST BE CONTACTED FOR SETTING OUT OF WORKS PRIOR TO INSTALLATION.
- 6. TRAFFIC MANAGEMENT: ALL WORKS MUST BE PROTECTED AS PER THE REQUIREMENTS OF CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

- SIGNING WORKS.
 7. ALL SIGN PLATES ARE TO BE AS PER THE DIAGRAM REFERENCES IN THE 'TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016' AND CHAPTER 4 OF THE 'TRAFFIC SIGNS
- 8. ALL SIGN PLATES ARE TO BE MANUFACTURED IN ACCORDANCE WITH BS EN 12899-1 WITH A REFLECTIVITY LEVEL OF RA-2.
- SIGN PLATES AT EACH LOCATION ARE TO BE MOUNTED ON 1No. NEW, 76mm.dio GALVANISED, TUBULAR STEEL POLE, FITTED WITH PLASTIC ENDCAP AND SET IN CONCRETE FOUNDATIONS.

10. SIGN PLATE QUANTITIES:
6No. SIGN PLATES TO DIAGRAM 557.1 (ROAD HUMP WARNING TRIANGLE) 2No. SIGN PLATE TO DIAGRAM 557.2 (DISTANCE PLATE, 185 YOR'S)
2No. SIGN PLATE TO DIAGRAM 557.3 (DISTANCE PLATE, 185 YOR'S), LEFT ARROW)
2No. SIGN PLATE TO DIAGRAM 557.3 (DISTANCE PLATE, 185 YOR'S, RIGHT ARROW)

- SIGN MOUNTING HEIGHT 2.25m ABOVE FOOTWAY TO UNDERSIDE OF SIGN PLATES OR 1.5m ABOVE VERGE TO UNDERSIDE OF SIGN PLATES.
- LATERAL CLEARANCE 600mm MINIMUM TO EDGE OF SIGN PLATE. WHERE POSSIBLE SIGN POLES SHOULD BE ERECTED AT REAR OF FOOTWAY.
- 13. WIND LOADING WIND LOADING CLASS 6 TO BE USED FOR CHANNELS AND FIXINGS UNLESS SPECIFICALLY NOTED ON SIGN PLATE DETAILS.

SPEED CUSHION WORKS

- 14. ALL SPEED CUSHIONS ARE TO BE REDIWELD "TRAFICOP" OR SIMILAR APPROVED,
 MANUFACTURED FROM RECYCLED RUBBER MATERIAL AND INSTALLED AS PER MANUFACTURERS GUIDANCE.
- 15. SPEED CUSHION DIMENSIONS TO BE AS NOTED BELOW: HEIGHT = 75mm ; SIDE SLOPE = 1:4; MAIN RAMP SLOPE = 1:10; COLOUR = BLACK WITH PREFORMED MARKINGS.
- 16. SPEED CUSHIONS ARE TO BE LAID IN CENTRE OF CARRIAGEWAY .



Humps for 185 yards

557-1
750mm
849mm
0.37 m ²
Class RA2 (12899-1:2007)
2300
rounded corners.

Scheme Ref.								
Sign Ref. 557-3	x-height 62.5							
Letter colour BLACK	SIGN FACE							
Background WHITE	Width 760mm							
Border BLACK	Height 525mm							
Material Class RA2 (12899-1:2007)	Area 0.40m ²							



Humps for 185 yards

Sign Reference	557-1
Height	750mm
Width	849mm
Area *	0.37 m ²
Material	Class RA2 (12899-1:2007
Mount Height	2300
* Area reduced for	rounded corners.

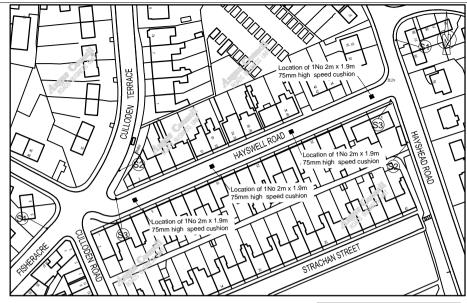
Scheme Ref.			
Sign Ref. 5	57-3	x-heigh	t 62.5
Letter colour B	LACK	SIGN FA	CE
Background V	VHITE	Width	760mm
Border B	LACK	Height	525mm
Material Class I	RA2 (12899-1:2007)	Area	0.40m ²



Humps for 185 yards

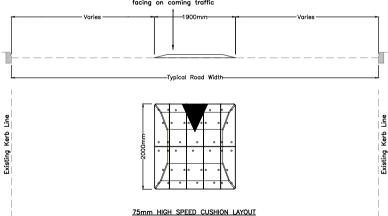
Sign Reference	557-1
Height	750mm
Width	849mm
Area *	0.37 m ²
Material	Class RA2 (12899-1:2007)
Mount Height	2300
* Area reduced for	rounded corners.

Scheme Ref.	
Sign Ref. 557-3	x-height 62.5
Letter colour BLACK	SIGN FACE
Background WHITE	Width 710mm
Border BLACK	Height 315mm
Material Class RA2 (12899-1:2007)	Area 0.22m ²



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						A2	1=1	Status: Final	Angus Council	Drawing Title: APP	ENDIX 2	
1						Drawn by:	Checked By:	Approved By:	Engineer-Head of Tech & Property Services			
						AS Date: 15/11/18	Date:	Date:	County Buildings Market Street Tel: 01307 461460 Forfar Fax: 01307 473388 DDB 3WR	TRAFFIC CA	OAD, ARBROATH ALMING LAYOUT	
						Issue:				Project No:	Drawing No:	Revision:
Rev.	Date	Description	Drawn	Checked	Approved	INFORMATION			S:\Roads\Traffic\Traffic Management\Projects 2018-19\Feasibility\AS - Hayswell Road, Arbroath - One Way\HR-A01.dwg	105040000	HR-A02	-