

- 1: Chip sealed surface
- 2: Asphalt surface (minimum 25mm thick)

Construction levels are based on lip of channel, appropriate crossfall and designed pavement layer thickness

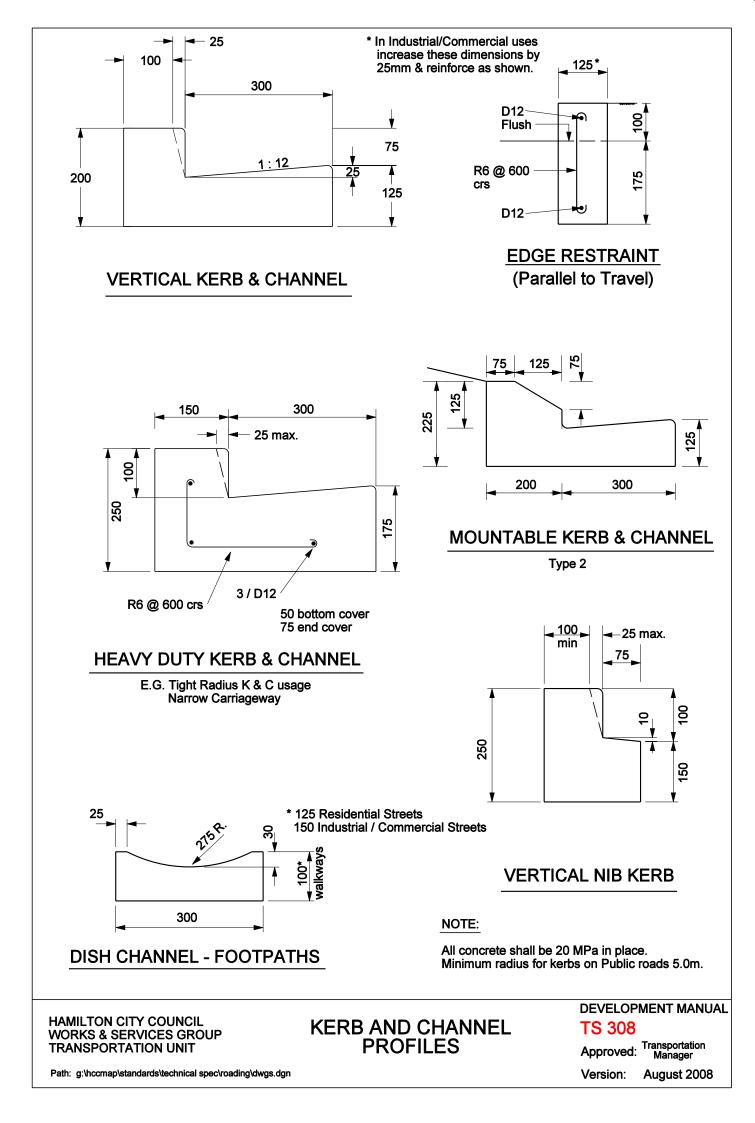
HAMILTON CITY COUNCIL WORKS & SERVICES GROUP TRANSPORTATION UNIT

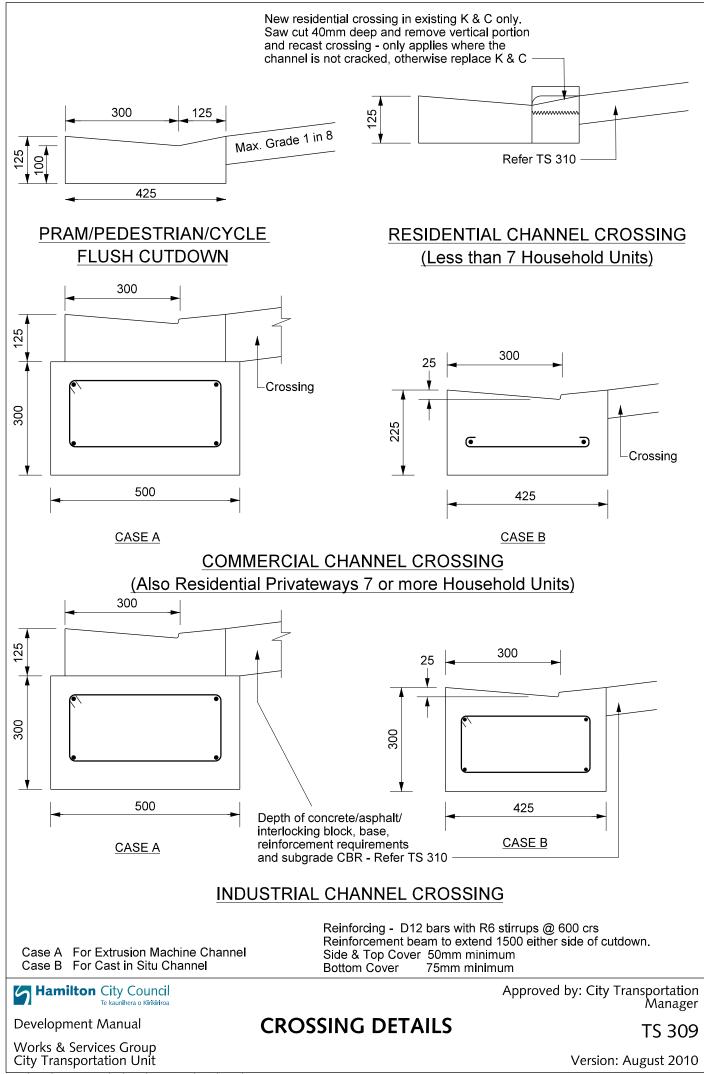
NORMAL CARRIAGEWAY CAMBER AND CONSTRUCTION TOLERANCES

DEVELOPMENT MANUAL

TS 304 Approved: Transportation Manager Version: August 2008

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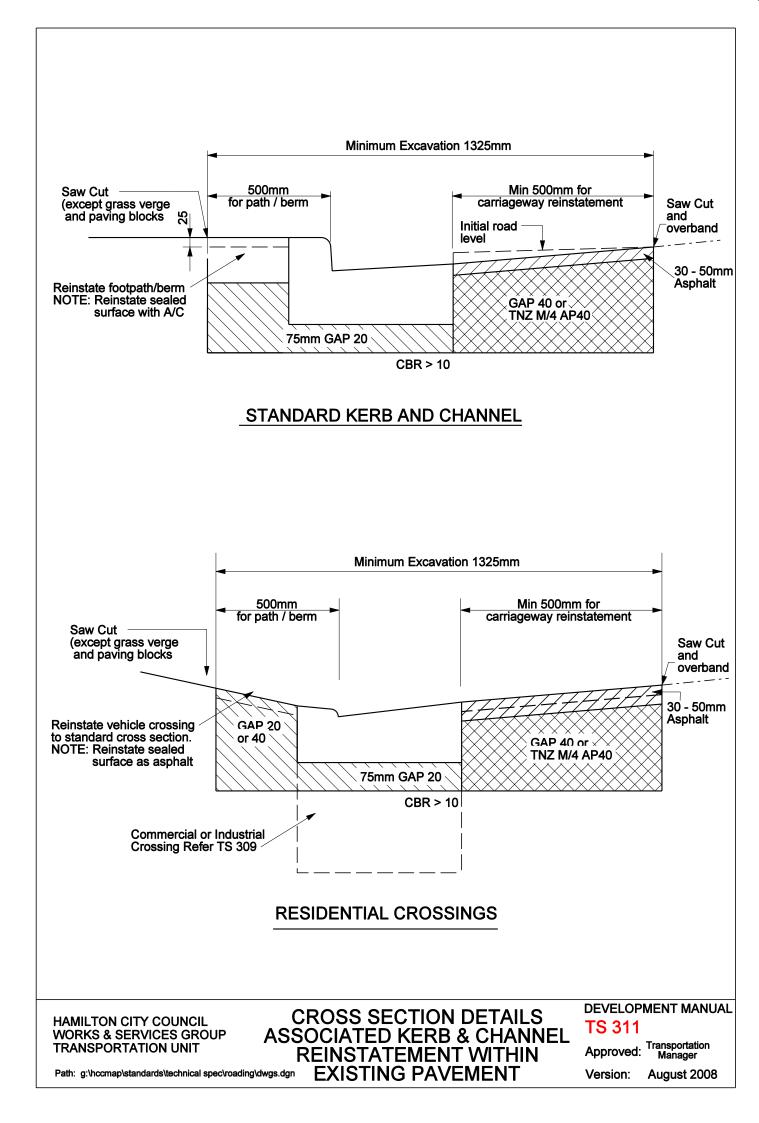
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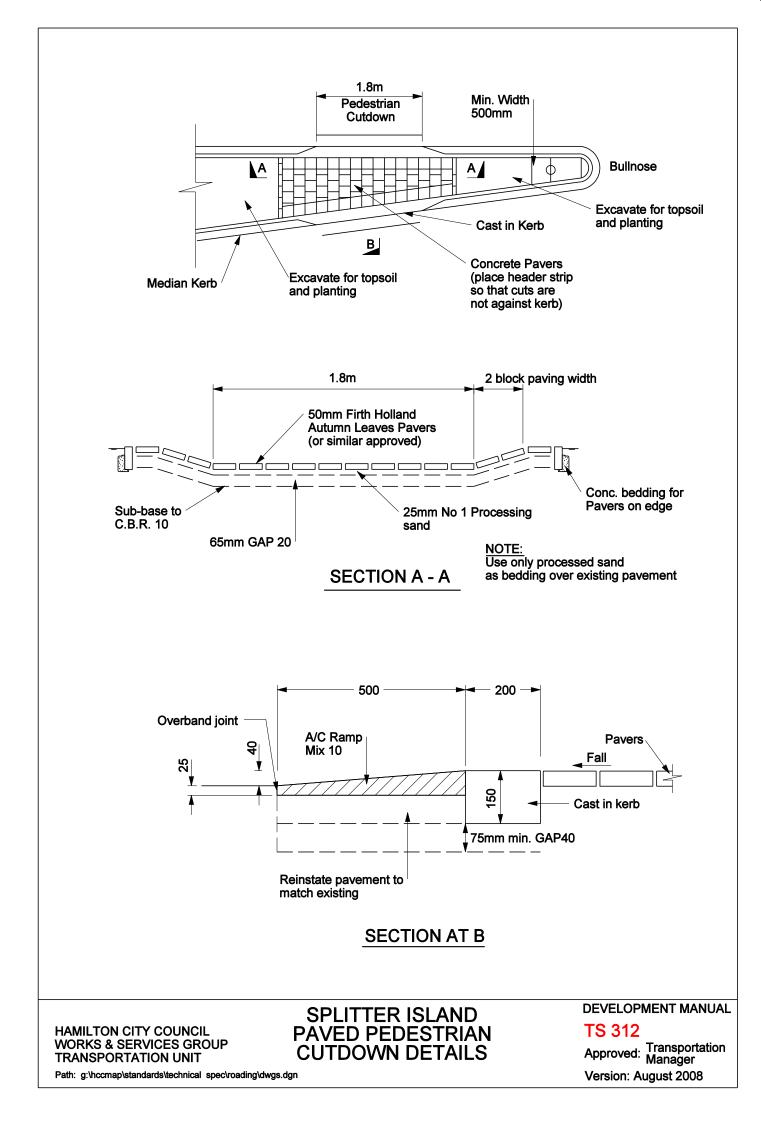
	Pedestrian Footpath	Residential Strength Vehicle Crossing	Commercial Strength Vehicle Crossing	Industrial Strength Vehicle Crossings
	(Single Residential Dwelling)	(Muiti Dwellings 2-6)	(Multi Dwellings 7+)	
Asphalt Surfacing	25mm Mix 10 Asphait	25mm Mix 10 Asphalt —	25mm Mix 10 Asphalt	50mm Mix 20 Asphalt
	150mm WHAP 40	175mm WHAP 40	225mm WHAP 40	250mm WHAP 40
	CBR >10 ^T	CBR >10	CBR >10	CBR >10
	Pavement Depth = 175mm	Pavement Depth = 200mm	Pavement Depth = 250mm	Pavement Depth = 300mm
Concrete Surfacing	100mm Concrete	125mm Concrete	150mm Concrete	175mm Concrete
	75mm Sand/WHAP 20 ⊗	75mm Sand/WHAP 20	100mm WHAP 20	
	CBR > 10J	CBR > 10	CBR > 10	CBR > 10
	Pavement Depth = 175mm	Pavement Depth = 200mm	Pavement Depth = 250mm	Pavement Depth = 300mm
Inter locking block paving	50/60mm Paving Block	80mm Paving Block	80mm Paving Block	80mm Paving Block
	90mm WHAP 40			
	CBR > 10	CBR > 10 25mm Bedding Sand	145mm WHAP 40	195mm WHAP 40
Ē	Pavement Depth = 175mm	Pavement Depth = 195mm	25mm Bedding Sand Pavement Depth = 250mm	CBR > 10 — 25mm Bedding Sand — Pavement Depth = 300mm
Depressed Kerb and Channel Crossing	Pedestrian crossing (No Lip)	Residential dwelling vehicle crossing (1-6 Dwellings)	58 75mm WHAP 20	
Depre	CBR > 10	CBR > 10	CBR > 10	CBR > 10
	Pavement Depth = 200mm	Pavement Depth = 200mm	Pavement Depth = 300mm	Pavement Depth = 350mm
NOTES:			Machine Extruded Crossing	
 Concrete - 28 Day in place minimum strength of 20 MPa (Refer to HCC Development Manual, Vol. 3: Pt 3: Section 11: Clause 11.10: Concrete Footpaths & Vehicle Crossings) 			· L · · · · · · · · · · · · · · · · · ·	
 Block Paving - (Refer to HCC Development Manual, Vol. 3; Pt 3; Section 12; Block Paving) Asphalt - (Refer to HCC Development Manual, Vol. 3; Pt 3; Section 11; Clause 11.11; Asphalt Surfacing) 				
4. Base course	r. Asphan Surracing) depth can be amended by using steel r ings(specific design required)			
5. Depth of sand/WHAP material to be increased where CBR is not achievable			▼ ►	
Image: Mamilton City Council Te kaunihera o Kifkidrea CROSS SECTION DETAILS Development Manual FOR FOOTPATH, VEHICLE CROSSINGS & (as modified by MPDC)				
City Transportation Unit DEPRESSED KEKB & CHANNEL				

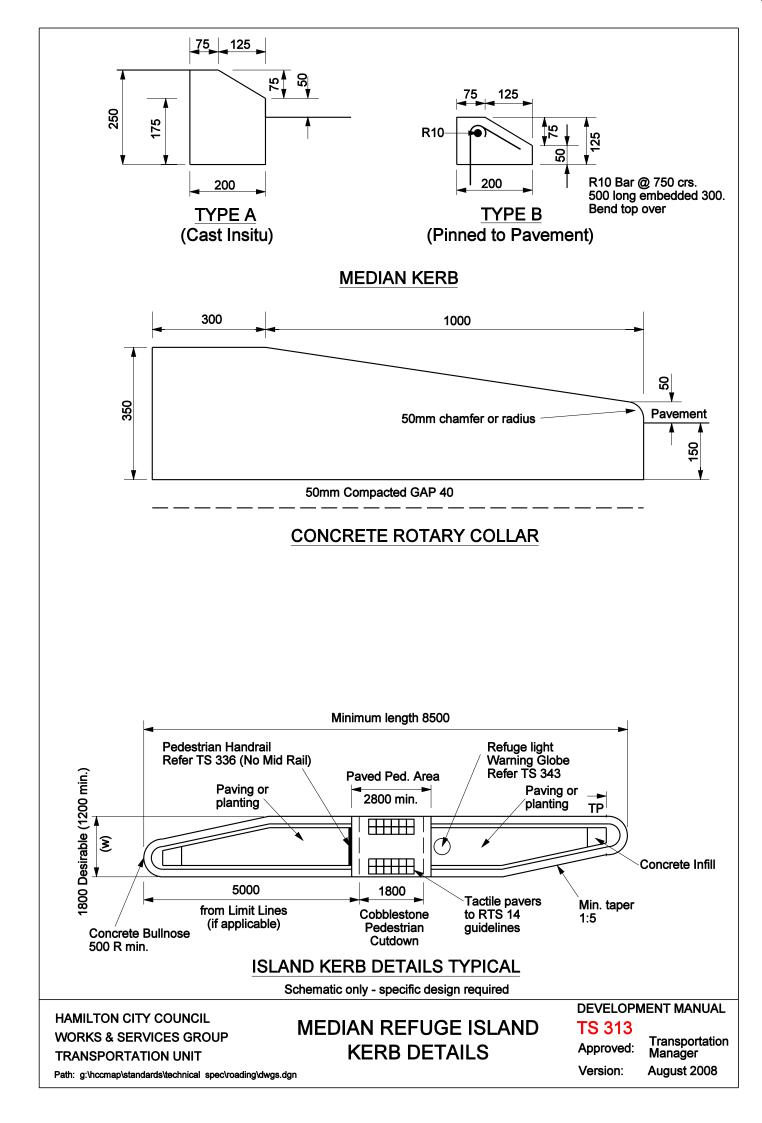
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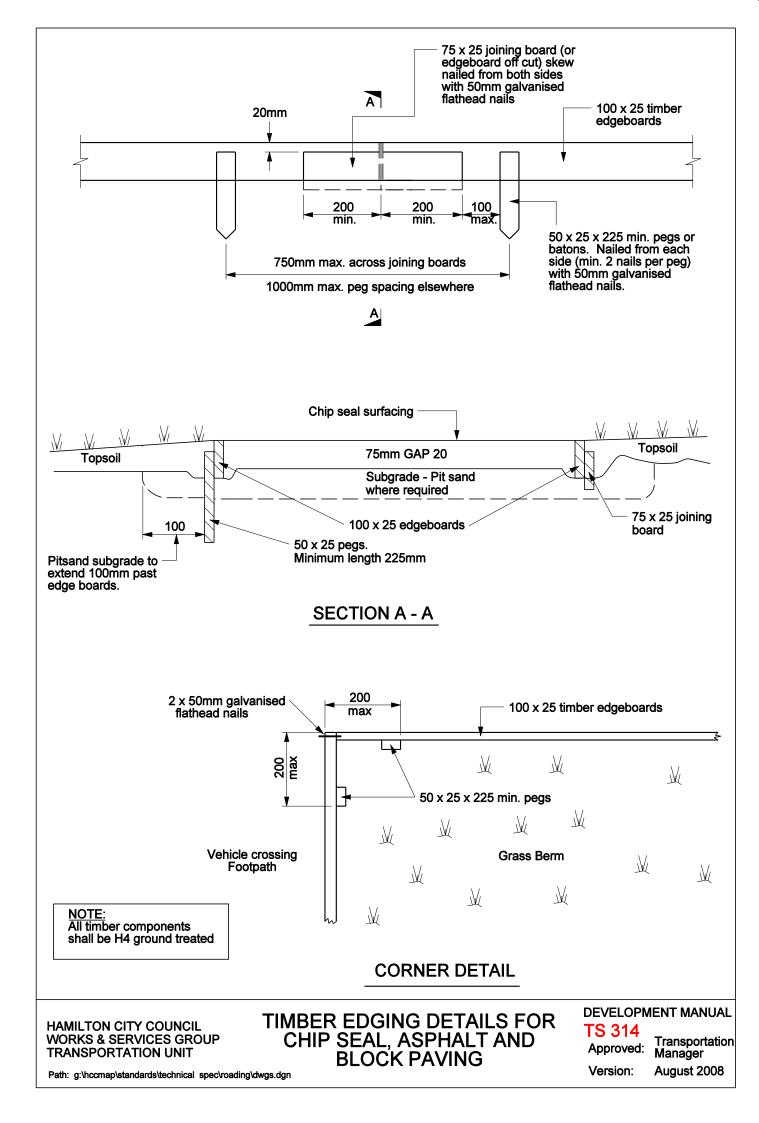
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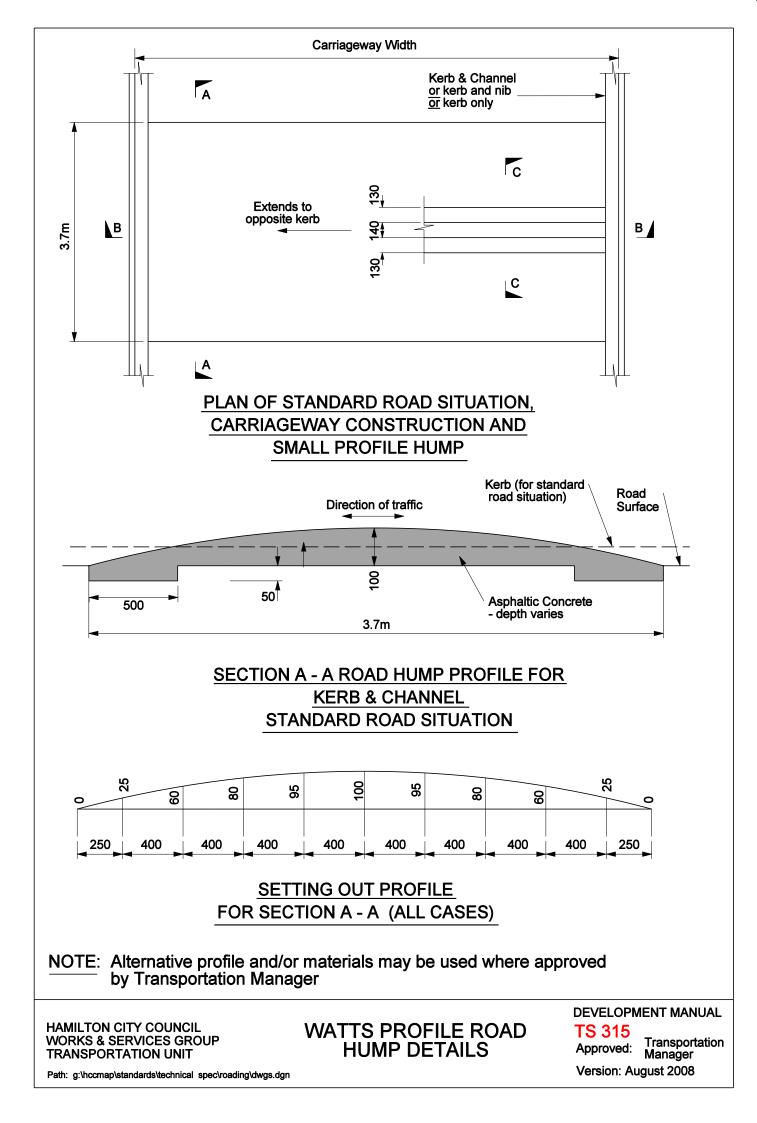
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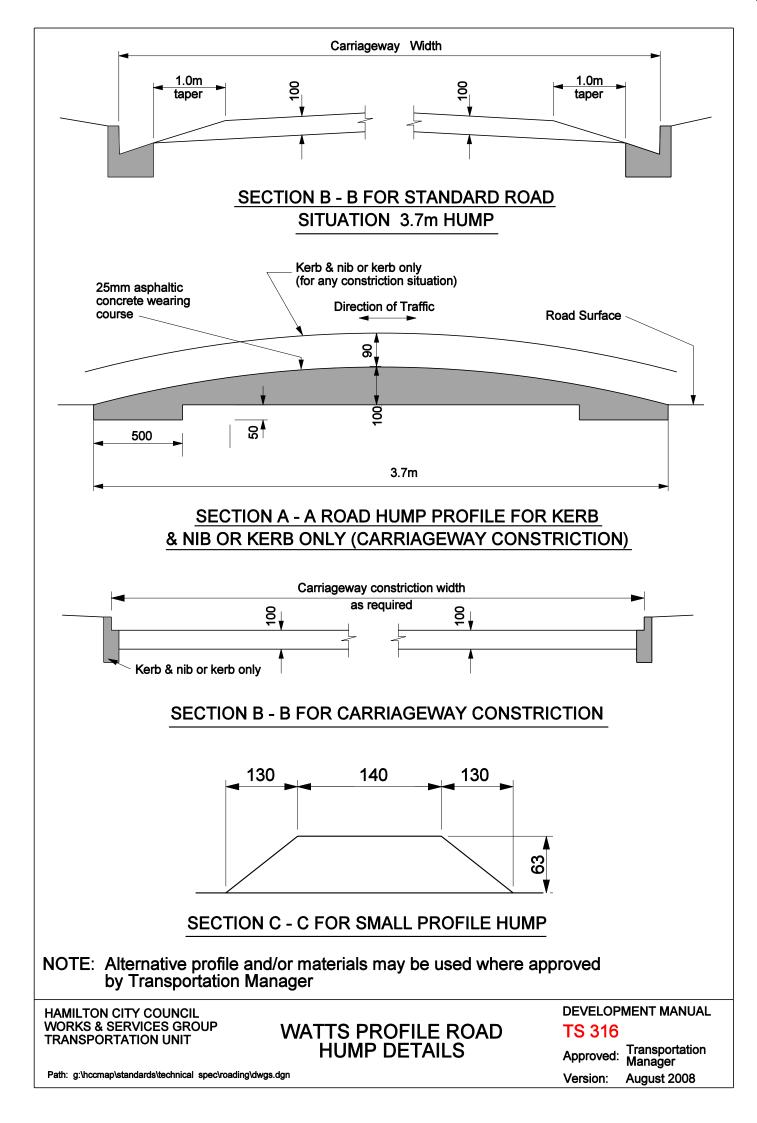


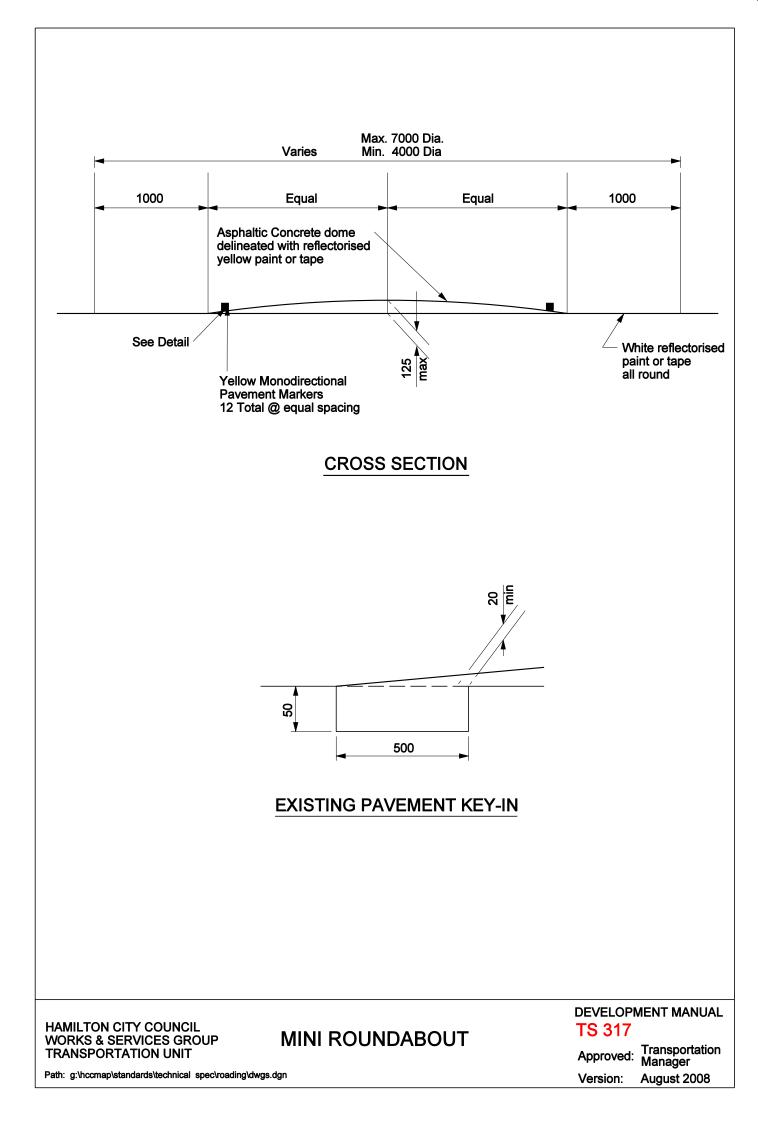


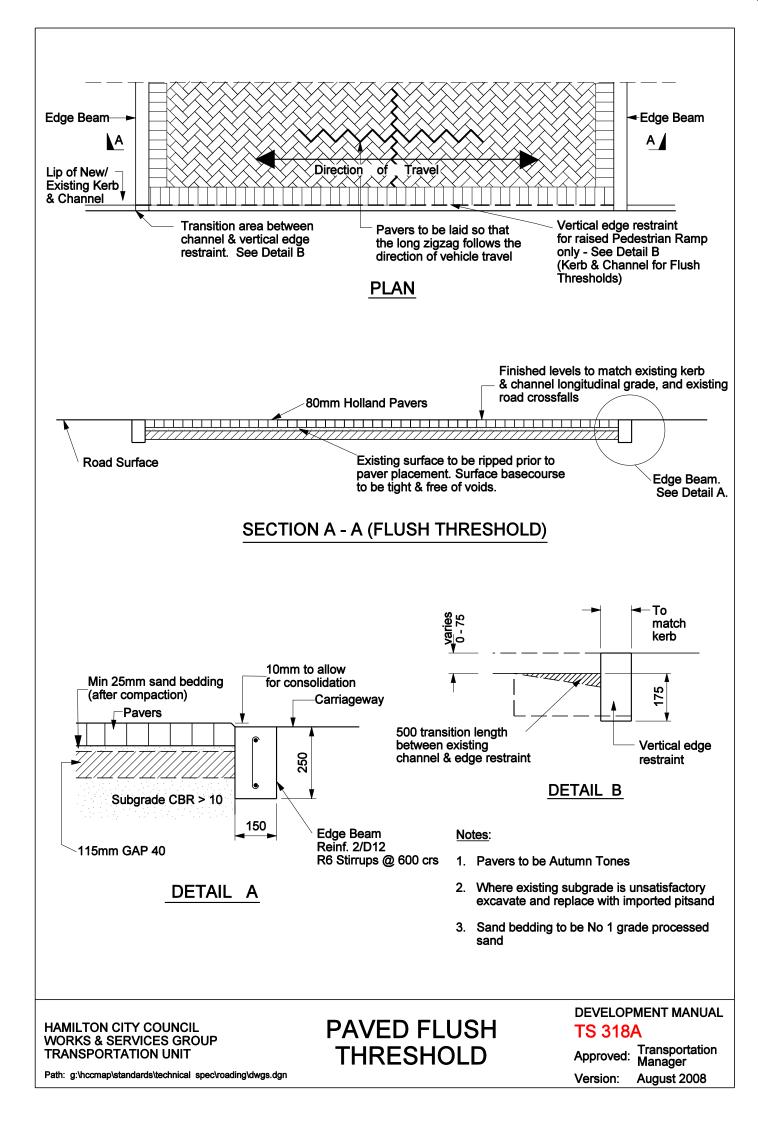


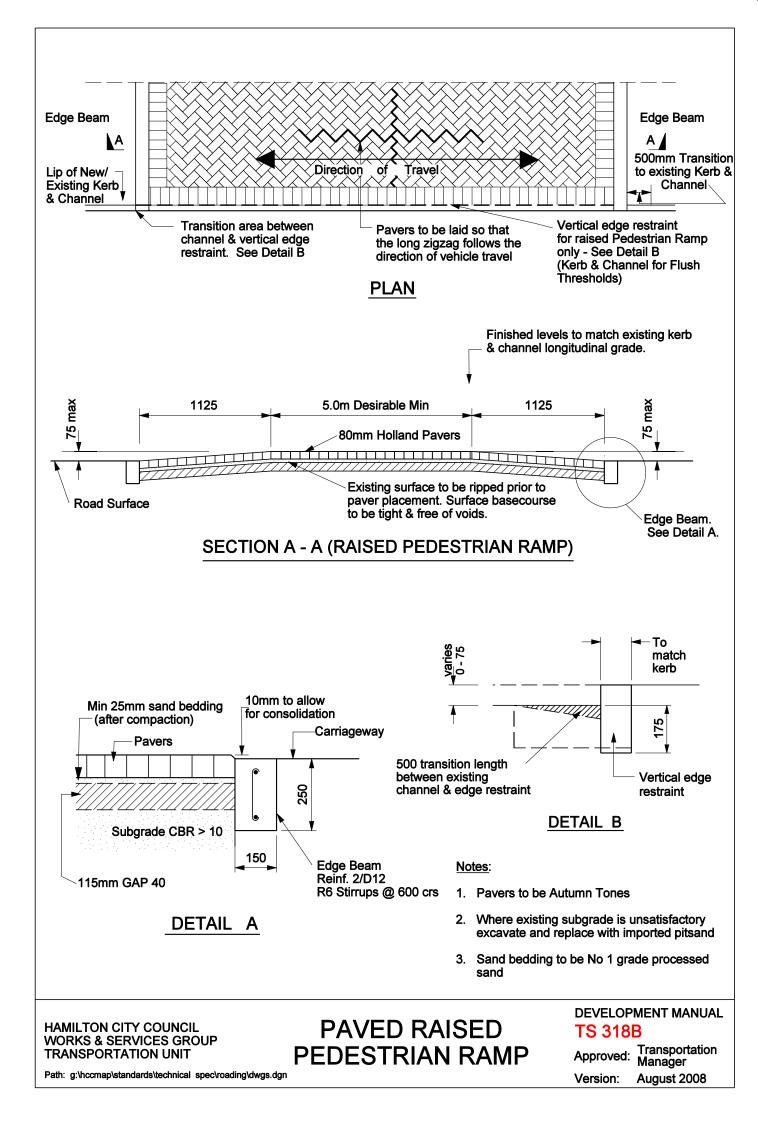


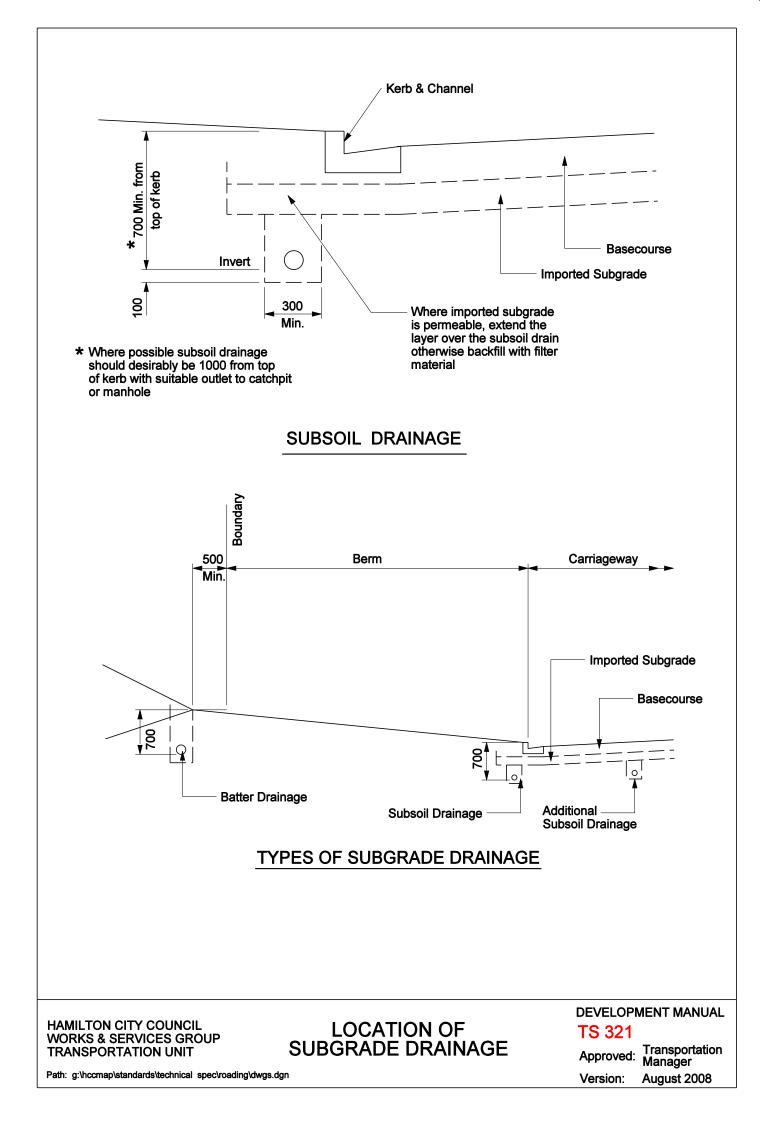


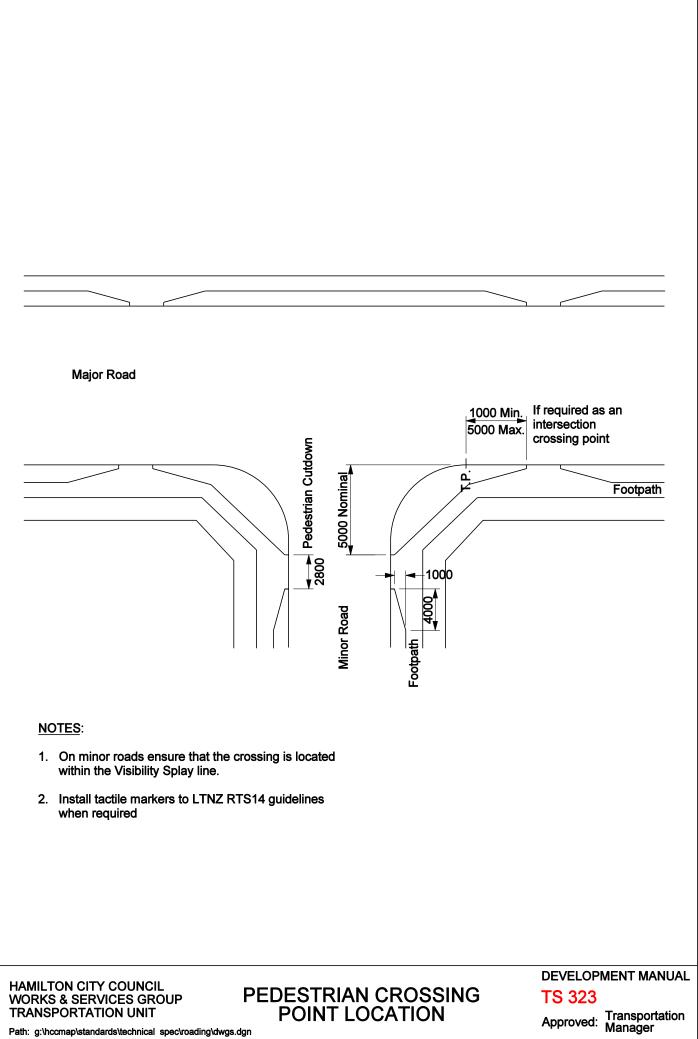












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