Proposed & Discounted Options								
Option No	Location	Description	Comments					
Strategic Options								
1	Upstream Storage (u/s of the A4 Bath Road upstream storage)	Creation of an in-line flood detention area extending from the south side of the Bath Road A4 road bridge at Bathford for some 1.5km southwards. Includes construction of flow control structure/weir some 100m south of A4 road bridge; may require site specific defence raising through city river corridor.	Proposed option					
2	Bypass Tunnel & Pumping Station - 4km Tunnel Under Bath	Bore a tunnel beneath Bath some 4km in length, from just upstream of the A36 Bathwick Street Bridge to just downstream of Brassmill Lane Industrial Estate to convey a range of peak flood flows around the city, thereby minimising defence raising or avoiding them altogether. The tunnel would be around 4m in diameter and sunk to such a depth beneath the City, and along such a route, as to not conflict with services, tunnels or the springs serving the spas. An intake at the upstream end will take river water into a series of pump sets with a variable phase power supply thereby providing an efficient and reliable variable speed pump system, catering for a range of flows in the most efficient manner possible. A variable phase supply will enable more cheap and reliable single speed motors to run pumps at a range of flow rates whilst using electricity in the most efficient manner possible. Given the size and importance of Bath's economy, this solution appears to be strongly viable. Further geotechnical and environmental investigation would be required to fully validate this solution.	Proposed option					
3	Raised defences and compensatory storage	Raise hard river defences along whole river corridor and provide compensatory flood storage downstream at Newton St Loe and Holm Mead.	Proposed option					
4	Cumulative Development Site Site-Specific Flood Storage Areas	Provision of compensatory flood storage within the river corridor in the City of Bath by the construction of the site specific flood storage areas at development sites: B1a, B3b,	Proposed option					
5	Channel Widening & Deepening Through City of Bath	Widen channel through City of Bath by up to 50% and lower bed by 1m to 2m between Pulteny Weir and Sluice at	Proposed option					
6	Twerton sluice improvements and compensatory flood storage downstream at Newton St Loe	Construct new sluice to improve flood alleviation, this would still require site specific defence raising options. Compensatory storage will be required.	Proposed option - Compensatory storage at Holm Mead in Keynsham was discounted from this option due to two existing wiers along the route and the increased flood risk for Saltford Town					
7	Upstream storage at Kensington Meadows and the proposed Mill Lane park and ride	Provision of flood detention upstream storage by adapting land surface profile of the Kensington Meadows and Mill Lane park & ride site; would still require site specific defence raising options.	Proposed option - Below ground storage options at both sites were discounted on high cost grounds					
8	Riverside upstream storage	Channel widening / terracing to provide flood storage.	Proposed option					
9 10	River Wellow Storage & Council Land to the North of West Hill Gardens Flood Storage & Fox Hills Flood Storage	Provision of flood storage areas Provision of flood storage areas	Proposed option Proposed option					
11	Overdredging of Channel through Bath	Removal of accumulated silt to improve conveyance capacity	Discounted - Due to high cost of dredging, environmental and cost issues associated with silt removal and work would need redoing every 2 years (>£5m each time), all for a limited impact on SoP.					
12	Mill Lane Park & Ride - Buried Storage Tank	Excavation for and construction of a buried storage tank with associated flow control structures and pump sets.	Discounted - Due to very Large construction cost (>£2M) problems with disposal of large quantity of soil (environmental and cost) for a comparatively small impact on SoP, particularly compared to the cheaper cost of the above ground options.					
13	Cricket Ground Buried Storage Tank	Excavation for and construction of a buried storage tank with associated flow control structures and pump sets.	Discounted - Due to very Large construction cost (>£2M) problems with disposal of large quantity of soil (environmental and cost) for a comparatively small impact on SoP, particularly compared to the cheaper cost of the above ground options.					
14	Generic: Accumulation of a series of small flood storage areas along the river corridor; each strategic option being 1 number (FSA) less than the previous option.	Cumulative compensatory storage FD benefit obtained by constructing a series of small FSAs along the river corridor.	Discounted - Only one option included under strategic options as successive removal of FSAs from the scope reduced an already questionable improvement in SoP.					
15	Clandown Flood Storage RK2-RK8	FSA to provide attenuation of flood flows	Discounted - FSA not considered to have sufficient capacity to provide benefit.					
Previous	 							
16	Building Regulations - Resilience	Imposing minimum FD standard for new developments through Planning Process.	Discounted - Felt that this was already incumbent within PPS25 and its implementation in Planning Regulations and therefore outside the scope of the FRMS.					
17	Aforestation upstream of Bath	Reduce baseflow and surface water runoff during storms by planting woodland upstream of city.	Discounted - not believed to provide sufficient reduction in flood flows.					
18	Rural Land Use Chanage Upstream of Bath	Reduce surface water runnoff upstream of Bath.	Discounted - not believed to provide sufficient reduction in flood flows and would be hard to implement.					
19	Relocation of Properties	Relocate properties outside of flood zones.	Discounted - not in keeping with objective of FRMS.					
20	Diversion of flow from the River Avon to the Avon Kennet canal	Transfer of peak flood flows around Bath altogether.	Discounted - from previous experience of canal system there would be insufficient capacity to make this option viable. Also, overflow channels feeding canal would quickly become full and discharge into main river system anyway.					

			Proposed & Discounted Options	
Option No Site Speci	fic On	Location	Description	Comments
101	B1b	Commarket to Podium	a) Integrated Building Defences & SUDS; e.g. hard	Proposed option - Channel widening to create a cantilivered walkway was considered but discounted due to the minimal effect in relation to
102	B2a	Empire undercroft	defences, patios etc. a) 2m high glazed flood barrier within undercroft concourse, enabling removal of steel railings	cost - Site Specific Only Proposed option - Site specific only.
103	B2c	Grand Parade	Bunding to landward boundary to provide in-line flood detention & SUDS: Opportunity for creation of an amphitheatre should this be included in the strategic storage option.	Proposed option - for Strategic Option Combination & Site Specific are the same.
104	ВЗа ТІ	The Rec & sports centre	a) Excavate underground flood storage tank to absorb some of the peak flows & SUDS. Playing filed will be laid to roof of tank ensuring continual use of pitch. (part of combined strategic storage options) b) Perimeter flood wall only (3.8m in height & clad with omate	Proposed option - Off-line detention with defence raising as combination to strategic option.
			masonry) inc. SUDS drainage & below ground storage & permeable paving to car park a) Bunding and ramped access to outside perimeter of	Proposed option - Site specific only. Proposed option - Below ground storage options at both sites were
105	B3b	Cricket Ground	grounds will enable its use as a temporary flood detention area (part of combined strategic storage options) & SUDS. a) Integrated building defences and SUDS, including flood will be applied to the substitution of the substit	discounted on high cost grounds - Site Specific
106	B4a	Manvers Street	walls/perimeter flood defence (possibly running from upstream and downstream bridges). b) Bypass channel and pond to provide storage and amenity including SUDS.	Proposed option - Site specific only. Proposed option if combined with Integrated Building Defences.
107	B5	Former Menzies Hotel	a) Perimeter flood defence to hotel and mitred flood gate (to canal theme) on canal to Rossiter's Bridge will enable canal basin/marina to act as a small flood detention area. Lock keeper's cottage will need perimiter defence raising and footpath to cottage & SUDS.	Proposed option - Strategic & Site Specific Option
108	B6a	Avon Street Car / Coach Park	a) Integrated Building Defences & SUDS with widened channel for aesthetic purposes as part of development only. b) Integrated Building Defences and SUDS (e.g. wetlands).	Proposed option - Combined strategic option. Proposed option - Site specific only.
109 110	B6b B6ci	City of Bath College Green Park House Topland	b) integrated Building Derences and SUDS (e.g. wetlands).	Proposed option - Site specific only. Proposed option - Site specific only.
111 112	B6cii B6di	Green Park House other Kingsmead House	a) Integrated Building Defences & SUDS	Proposed option - Site specific only. Proposed option - Site specific only.
113 114	B6diii B6e	Rosewell Court 1-3 James St West	_,g ==g 5000000 tt 5050	Proposed option - Site specific only. Proposed option - Site specific only.
115 116	B6f B6g	4 James St West The Forum		Proposed option - Site specific only. Proposed option - Site specific only.
117	В7	Green Park Station	a) Integrated building defences & SUDS (e.g. Architecturally designed hard defences to be in keeping with existing development, defence height optimised through construction of terraced inlet channel again), designed in correlation with remodelling of Green Park as small flood detention area (FDA)	Proposed option - Combined strategic option.
			b) Integrated Building Defences & SUDS a) Re-profiling (e.g. Remodel green open space to north	Proposed option - Site specific only.
118	В8	BWR East	boundary and recreation ground on opposite bank to provide channel widening), combine with hard defences to perimeter bund car park.	Proposed option - Combined strategic option.
			b) Create bypass channel within site to provide flood storage.	Proposed option - Combined strategic option.
110	DOs	Courth Court	c) Integrated Building Defences & SUDS a) Integrated Building Defences & SUDS	Proposed option - Site specific only. Proposed option - Site specific only.
119	B9a	South Quay	b) Widen channel and provide set-back defences	Discounted option
120	B9b	RBP to Travis Perkins	a) Integrated Building Defences & SUDS, raised hard defence to northern property edge. b) Widen channel by excavating into car park/form free flooding basin in car park to form marina of floating pontoons. Pontoons serve as car parking or goods storage, unaffected by rising river levels. Goods to be supplied by river transport from proposed Locksbrook Island small-freight handling	Proposed option Discounted option
121	B12	Bath Press	depot. a) Integrated Building Defences & SUDS, raised hard	December 1997 - State of the second second
121	B13a	Lower Bristol Road	defence to northern property edge. a) SUDS only.	Proposed option - Site specific only. Proposed option - Site specific only.
	B13b	Lower Bristol Road	a) Integrated Building Defences & SUDS, raised hard defence to northern property edge.	Proposed option - Site specific only.
122	B13c		a) SUDS only. a) Integrated Building Defences & SUDS, raised hard	Proposed option - Site specific only.
	B13d	Lower Bristol Road Lower Bristol Road - Access to Locksbrook Island	defence to northern property edge. a) Integrated Building Defences & SUDS, raised hard	Proposed option - Site specific only.
	B13e	Depot Distor Road - Access to Edoksbrook Island	defence to northern property edge. a) Integrated Building Defences & SUDS, hard	Proposed option - Site specific only.
123	B13f	Brassmill Lane Industrial Estate	defences/berm to property perimeter, Berm cut into channel on right bank by up to 16m & convert disused railway e assement into swale/side channel, b) Integrated Building Defences & SUDS.	Proposed option - Viable as Site specific option, provides environmental and aesthetic benefits. (Was also part of a combined strategic option.) Proposed option - Site specific only.
124	B14	Locksbrook	a) Flood Storage: set back defence with berms; coach vehicle trailer parking area relocated to disused Maybey bridge and original parking area remodelled to provide in-line flood detention/Ground remodelling could incorporate a bay or a beach and provide additional storage.	Proposed option - Combined strategic option.
125	B15	The Maltings Industrial Estate	b) Integrated Building Defences & SUDS a) Integrated Building Defences & SUDS, raised hard defence to riverside property edge.	Proposed option - Site specific only. Proposed option
126	B16	BWR Phase one	a) Create wetland as compensatory flood water features as part of development. Capping off of potentially contaminated land with spoil from Recreation Ground underground SUDS storage reservoir option (for B3a). b) Integrated Building Defences & SUDS, raised hard	Proposed option
			defence to property edge. c) Channel widening to left bank.	Proposed option - Site specific only. Discounted option
127	B17ii	BWR Phase Three (2&3)	a) Integrated Building Defences & SUDS, raised hard defence to perimeter. Same for each site.	Proposed option - Site specific only.
128	B18	Westmark	 a) SUDS, only (permeable paving), no integrated building defences required. 	Proposed option - Site specific only.
	<u> </u>		b) Some channel widening to existing wasteland (understood to be developed with residential property) a) Integrated Building Defences & SUDS	Discounted option Proposed option - Site specific only.
129	B19	Comfortable Place / TA Centre	b) Widen channel with some set-back defences to carry path.	Proposed option - Site specific only. Discounted option
130	B20	Onega Centre	a) SUDS only.	Proposed option - Site specific only.
131	B21	Hinton Garage	a) Remodel recreation ground lowering main area and pushing earth into bunds to the back of the grounds (Nelson Place West and Norfolk Crescent). b) SUDS, no Integrated Building Defences required	Proposed option - Combined strategic option. Proposed option - Site specific only.
			c) Widen channel and replace lost footpath with suspended cable stayed footbridge running alongside channel for 50m to 100m - in same style as Victoria Bridge Suspension bridge	Discounted option
	1	i	a) Flood Detention Area with control structures on Keynsham	Proposed option
132	КМ1	Somerdale / Cadburys	Hams, combined with raising of bunded defences to Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard	
			Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard	Proposed option - Site specific only.
133	KM3b	The Centre	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edges. a) Channel widening and high level overflow channels.	
133 134	KM3b KM8	The Centre Riverside Park	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edges. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation.	Proposed option - Site specific only. Proposed option Proposed option Proposed option
133	KM3b	The Centre Riverside Park Keynsham Paper Mill	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and	Proposed option - Site specific only. Proposed option Proposed option
133 134 135 136	KM3b KM8 KM9 KM11	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edges. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences &	Proposed option - Site specific only. Proposed option Proposed option Proposed option Proposed option
133 134 135 136 137 138 139	KM3b KM8 KM9 KM11 MN3 MN4 MN8	The Centre Riverside Park Kevnsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edges. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swates). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to	Proposed option - Site specific only. Proposed option Proposed option Proposed option Proposed option Proposed option Proposed option
133 134 135 136 137 138 139	KM3b KM8 KM9 KM11 MN3 MN4 MN8	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edges. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with	Proposed option - Site specific only. Proposed option Proposed option - Site specific only. Proposed option
133 134 135 136 137 138 139 140	KM3b KM8 KM9 KM11 MN3 MN4 MN8 MN9 MN12 MN12	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS c) Deculverting a) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences to	Proposed option - Site specific only. Proposed option Proposed option - Site specific only. Proposed option - Site specific only. Proposed option - Specific only.
133 134 135 136 137 138 139 140	KM3b KM8 KM9 KM11 MN3 MN4 MN8 MN9 MN12 MN13 MN14	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swates). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS c) Deculverting a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge	Proposed option - Site specific only. Proposed option Proposed option - Site specific only.
133 134 135 136 137 138 139 140 141 141 142 143	KM3b KM8 KM9 KM11 MN3 MN4 MN8 MN9 MN12 MN13 MN14	The Centre Riverside Park Kevnsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park Town Park Housing Old Mills Industrial Estate Extension	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS, c) Deculvertina a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences b) Integrated Building Defences & SUDS, raised defences to property edge	Proposed option - Site specific only. Proposed option Proposed option - Site specific only.
133 134 135 136 137 137 138 139 140 141 142 143 144	KM3b KM8 KM9 KM11 MN3 MN4 MN9 MN12 MN13 MN14 MN17 RK2 RK3	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park Housing Old Mills Industrial Estate Extension Rymans Charltons	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge	Proposed option - Site specific only. Proposed option Proposed option - Site specific only.
133 134 135 139 137 138 139 140 141 142 143 144 145 146 147 147	KM3b KM8 KM9 KM11 MN3 MN4 MN9 MN12 MN13 MN14 MN17 RK2 RK3	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park Town Park Housing Old Mills Industrial Estate Extension Rymans Charltons Old Bakery Post Office	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS, c) Deculvertina a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences b) Integrated Building Defences & SUDS, raised defences to property edge	Proposed option - Site specific only. Proposed option Proposed option - Site specific only. Proposed option Proposed option - Site specific only.
133 134 135 136 137 138 139 140 141 142 143 144 145 146 147	KM3b KM8 KM9 KM11 MN3 MN4 MN8 MN9 MN12 MN17 RK2 RK3 RK4 RK5 RK6 RK7	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park Town Park Housing Old Mills Industrial Estate Extension Rymans Charltons Old Bakery Post Office Library / Youth Centre Fortescue Road	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences b) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences a) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences c) Integrated Building Defences & SUDS, raised defences de	Proposed option - Site specific only. Proposed option Proposed option - Site specific only.
133 134 135 139 137 138 139 140 141 142 143 144 145 146 147 148 149	KM3b KM8 KM9 KM11 MN3 MN4 MN8 MN9 MN12 MN17 RK2 RK3 RK4 RK5 RK6 RK7	The Centre Riverside Park Keynsham Paper Mill Broadmead Lane Waste Site Chesterfield House Streamside Somer Centre Welton High Street Town Park Town Park Housing Old Mills Industrial Estate Extension Rymans Charltons Old Bakery Post Office Library / Youth Centre Fortescue Road	Cadbury's site as necessary b) Integrated Building Defences & SUDS, raised hard defence to property edge a) Integrated Building Defences & SUDS, raised hard defence to property edge. a) Channel widening and high level overflow channels. b) SUDS and combined with new culverts beneath road and rail embankments, includes wetland creation. a) SUDS (Detention basins, open channels and swales). a) Flood Detention Area, Integrated Building Defences & SUDS. a) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences b) Integrated Building Defences & SUDS, raised defences to property edge a) Flood Detention Area & channel widening combined with raising of bunded defences. Raised hard defences to property edge a) Integrated Building Defences & SUDS, raised defences to property edge b) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences to property edge a) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences a) Integrated Building Defences & SUDS, raised defences b) Integrated Building Defences & SUDS, raised defences	Proposed option - Site specific only. Proposed option Proposed option - Site specific only. Proposed option Proposed option Proposed option - Site specific only. Proposed option Proposed option - Site specific only. Proposed option - Site specific only.