

1000 annual probability of								
or above the vulnerability to ooding, and the potential to urfaces and the effect of the porated in a FRA. This need rations require particular								
portunities to reduce the e layout and form of the e drainage techniques.			This map is to be read in conjunction with the Volume II Tables and the SFRA report (Volume I) for the application of the Sequential Test. The test is the most important flood risk management tool for spatial planning, as it implements the high level measures of avoidance / prevention and substitution.					
100 and 1 in 1000 annual 200 and 1 in 1000 annual			A planning authority applies the Sequential Test to demonstrate that there are no reasonably available sites in areas with less risk of flooding that would be appropriate to the type of development or land use proposed. Preference should be given to locating new development in Flood Zone 1. If there is no reasonably available site in Flood Zone 1, the flood vulnerability of the proposed development can be taken into account in locating development in Flood Zone 2 and then Flood Zone 3. Within each Flood Zone new development should be directed to sites with lower flood risk from all sources as indicated by the SFRA.					
uses of land and essential	Esse				rability Classific		outes)	
erable uses in Table D.2 are D.9.) is passed.	Infrastructure		Essential transport infrastructure (including mass evacuation routes) which has to cross the area at risk, and strategic utility infrastructure, including electricity generating power stations and grid and primary substations.					
ied by a FRA. See Annex E for	Highly Vulnerable		<ul> <li>Police stations, Ambulance stations and Fire stations and Command Centres and telecommunications installations required to be operational during flooding.</li> <li>Emergency dispersal points.</li> <li>Basement dwellings.</li> <li>Caravans, mobile homes and park homes intended for permanent residential use.</li> </ul>					
portunities to reduce the form of the development, and les.	More Vulnerable		<ul> <li>Installations requiring hazardous substances consent.</li> <li>Hospitals.</li> <li>Residential institutions such as residential care homes, children's homes, social services homes, prisons and hostels.</li> <li>Buildings used for: dwelling houses; student halls of residence; drinking establishments; nightclubs; and hotels.</li> <li>Non-residential uses for health services, nurseries and educational establishments.</li> <li>Landfill and sites used for waste management facilities for hazardous waste.</li> <li>Sites used for holiday or short-let caravans and camping, subject</li> </ul>					
reater annual probability of ility of flooding from the sea	Less Vulnerable Water- -compatible Development		<ul> <li>to a specific warning and evacuation plan.</li> <li>Buildings used for: shops; financial, professional and other services; restaurants and cafes; hot food takeaways; offices; general industry; storage and distribution; non-residential</li> </ul>					
ole D.2 are appropriate in this tted in this zone. le D.2 should only be passed. Essential d constructed to remain			<ul> <li>institutions not included in 'more vulnerable'; and assembly and leisure.</li> <li>Land and buildings used for agriculture and forestry.</li> <li>Waste treatment (except landfill and hazardous waste facilities).</li> <li>Minerals working and processing (except for sand and gravel working).</li> <li>Water treatment plants.</li> <li>Sewage treatment plants (if adequate pollution control measures are in place).</li> <li>Flood control infrastructure.</li> <li>Water transmission infrastructure and pumping stations.</li> </ul>					
ied by a FRA. See Annex E for								
portunities to: the layout and form of the ble drainage techniques; ver probability of flooding;								
			PPS25 : Flood Risk Vulnerability and Flood Zone 'Compatibility' Essential Water Highly More Less					
		ood Risk					less	
	Vu	ood Risk Inerability assification	Essential Infra	isk Vulnerability Water compatible	and Flood Zone Highly Vulnerable			
red in times of flood. SFRAs h an annual probability of 1 in extreme (0.1%) flood, or at	Zone	Inerability	Essential Infra structure v 2 v	Water	Highly	More Vulnerable v	Less Vulnerable v	
red in times of flood. SFRAs h an annual probability of 1 in extreme (0.1%) flood, or at invironment Agency, including ure listed in Table D.2 that has	Vu cla	Zone 3 Zone 3	Essential Infra structure v 2 v 2 v a Exception Test required b Exception	Water compatible v	Highly Vulnerable v Exception Test	More Vulnerable v	Vulnerable	
I floodplain and flood flow g open space for flood storage. red in times of flood. SFRAs h an annual probability of 1 in extreme (0.1%) flood, or at Environment Agency, including ure listed in Table D.2 that has esigned and constructed to:	Zone	Zone 2 Zone 3	Essential Infra structure v 2 v 2 v a Exception Test required b Exception	Water compatible         v         v         v         v         v         v         v         v         v         v         v         v	Highly         Vulnerable         v         Exception         Test         required         x         x	More Vulnerable v v Exception Test required	Vulnerable v v	
red in times of flood. SFRAs h an annual probability of 1 in extreme (0.1%) flood, or at invironment Agency, including ure listed in Table D.2 that has esigned and constructed to:	Flood Zone	Zone 1 Zone 2 Zone 3 <sup>Tunctional floodp</sup> <b>egend</b> # Sur # Groc # Hig # Flue	Essential Infra structure v 2 v 2 v a Exception Test required Exception Test required I face Water Even hways Drainag	Water compatible v v v v v t t t t t t t t t t t t t t	Highly         Vulnerable         v         Exception         Test         required         x         x	More Vulnerable v v Exception Test required	Vulnerable v v	
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