ESD ID	TYPE	DESIGN CONSTRAINTS	SUITABLE	REASON FOR REJECTION	APPLICATION TO THIS SITE		
			T OR ONE:	ALTERNATIVE SURFACES			
A-1		ROOF INFRASTRUCTURE	?		THIS IS A PAD SITE DESIGN WHERE THE BUILDING WILL BE DESIGNED AT A LATER		
	GREEN ROOFS	STRUCTURE	?		DATE. THE DESIGNER SHALL CONSIDER THIS OPTION FULLY IN DEVELOPMENT OF THE BUILDING. COST ALONE IS NOT A SOLE REASON FOR DISCOUNTING THIS		
		WATERPROOFING	?				
					BY OTHER MEANS.		
		DRAINAGE	?				
A-2		SPACE: NO AD IACENT STRUCTURES		DEPENDANT LIPON BUILDING FOUNDATION	PERMEABLE PAVEMENTS CAN BE USED FOR SIDEWALKS AND FOR THE PARKING		
	PERMEABLE PAVEMENTS	TOPOGRAPHY: LESS THAN 5%	POSSIBLE	ACCESS ROAD TOO STEEP	LOTS. THE ACCESS ROAD AND DRIVE AISLES HAVE TOO MUCH TRAFFIC FOR THIS OPTION TO BE VIABLE.		
		SOILS: HSG A, B OR C	YES				
		DRAINAGE AREA	YES				
		HOTSPOT RUNOFF: NOT PERMITTED	YES				
		STRUCTURE	POSSIBLE	ACCESS ROAD AND DRIVE LANES ARE TOO HEAVILY TRAVELLED.			
				LOCATION DUE TO GRADES AND USE OF ANTI-SKID WILL PRECLUDE			
		OPERATION:	NO	USE			
		SPACE: NARROW STRIPS REQUIRED	YES				
					REINFORCED TURF IS NOT A PRACTICAL SOLUTION IN OUR ENVIRONMENT GIVEN THE AMOUNT OF TRAFFIC ANTICIPATED FOR THE PARKING AREAS.		
		SOUSTATISTICS THAN 5%	NO	SOIL IS CLAYEY			
A-3	REINFORCED TURF	DRAINAGE AREA	YES				
		HOTSPOT RUNOFF: NOT PERMITTED	YES				
		STRUCTURE	POSSIBLE	ACCESS ROAD AND DRIVE LANES ARE TOO HEAVILY TRAVELLED.			
				POSSIBLE PARKING STALLS ONLY	4		
		OPERATION.	1123				
			1	NONOTROOTORAET NACTICES			
		SPACE: REQUIRES TREATMENT LENGTH EQUAL TO FLOW PATH	NO	NOT PRACTICAL FOR LARGE BIG BOX STRUCTURES DUE TO ROOF			
	DISCONNECTION OF ROOFTOP RUNOFF			DESIGN	DUE TO THE PLANNED SURFACES AROUND THE BUILDING, THE DISCONNECTION IS NOT PRACTICAL		
N-1		TOPOGRAPHY: LESS THAN 5% OR TERRACES	YES				
		SOILS:	POSSIBLE	AMENDMENTS TO SOIL MAY BE NECESSARY			
		DRAINAGE AREA 500 SF/ DOWNSPOUT	NO	DESIGN			
		RECONNECTIONS:	NO	DOWNSTREAM AREAS ARE ALMOST ALL PAVED			
		SPACE: REQUIRES TREATMENT LENGTH EQUAL TO FLOW PATH	YES				
N-2	OF NON-ROOFTOP RUNOFF				THIS IS UTILIZED IN PARKING AREAS WHERE THE GRADING CAN BE PERFORMED IN A MANNER THAT FACILITATES SHEET FLOW.		
		TOPOGRAPHY: LESS THAN 5% OR TERRACES	YES				
		SOILS:	POSSIBLE	AMENDMENTS TO SOIL MAY BE NECESSARY			
		DRAINAGE AREA 1000 SF/ AREA	YES				
		SPACE: MUST BE WIDE ENOUGH TO TREAT RUNOFF AND PROTECT					
	SHEET FLOW TO	NATURAL RESOURCES			CONSERVATION AREAS WILL BE UTILIZED WHERE POSSIBLE. SHEET FLOWS TO THESE AREAS MAY NEED TO BE FORCED THROUGH A SERIES OF OTHER BMP'S		
N-3	CONSERVATION	TOPOGRAPHY: LESS THAN 5% OR TERRACES	YES				
	AREAS	HOTSPOT RUNOFF: NOT PERMITTED	YES				
		EASEMENTS	YES				
	T		-	MICRO SCALE PRACTICES			
	RAINWATER HARVESTING						
		SPACE: REQUIRES COORDINATION WITH LANDSCAPING	MAYBE	DEPENDANT UPON TENNANT	RAINWATER HARVESTING IS POSSIBLE, ALTHOUGH IT REQUIRES A CONSIDERABLE		
M-1					INVESTMENT FOR A BUILDING OF THIS SIZE. IN ADDITION, THE PLANNED – LANDSCAPE INFILTRATION AROUND THE BUILDING DOES NOT READILY BENEFIT – FROM HARVESTING.		
		TOPOGRAPHY: PUMPS MAY BE REQUIRED	YES				
			YES				
		UPERATION: SUBJECT TO NEGLECT	YES				
M-2	SUBMERGED GRAVEL WETLANDS	SPACE: REQUIRES PRE-TREATMENT	YES				
					SLOPES ARE GENERALLY TO STEEP FOR THIS ESD		
		TOPOGRAPHY: RELATIVELY FLAT 2% OR LESS	NO	SURROUNDING GRADES TOO STEEP			
		SUILS: HSG C UK D DRAINAGE AREA: MINIMUM 1 ACRE	YES VES				
		HOTSPOT RUNOFF: REQUIRES LINER	YES				

ESD ID	TYPE	DESIGN CONSTRAINTS	SUITABLE FOR SITE?	REASON FOR REJECTION	APPLICATION 1	
M-3	LANDSCAPE INFILTRATION	SPACE: MUST BE KEPT FROM BASEMENTS	YES			
			VES			
			160		ROOF DRAINAGE WILL DISCHARGE INTO TH ENCOURAGED THROUGH THE USE OF LEVE MULCHING MEANS OR DISSIPATION WILL BE	
		UNDERDRAINS	YES	UNDERDRAINS REQUIRED		
		DRAINAGE AREA LESS THAN 10 000 SE	YES			
		HOTSPOT RUNOFF: NOT PERMITTED	YES			
		INFRASTRUCTURE	YES			
	INFILTRATION BERMS				-INFILTRATION BERMS WILL BE USED IN CON TO PROVIDE THE NECESSARY TREATMENT -BEING USED IN ALL AREAS OF THE SITE.	
		SPACE: THREAD THROUGH WOODED AREAS	YES			
		TOPOGRAPHY: LESS THAN 10% OR TERRACES	MAYBE	SOME SITE AREAS EXCEED 10%		
M-4		SOILS: NOT PERMITTED ON SOILS WITH LOW SHEAR STRENGTH	VES			
101-4		(LANDSCAPE PRONE)	150			
		DRAINAGE AREA: SMALL ENOUGH TO PREVENT FLOW				
		CONCENTRATION		DEFENDS ON ECCATION	_	
		HOTSPOT RUNOFF: NOT PERMITTED	YES			
		SPACE: MUST BE KEPT FROM BASEMENTS	YES		REQUIRES INFILTRATION TESTING AT POIN	
M-5			VES		ON FILL. DUE TO LIMITATION ON CONTRIBUTE PROHIBITIVE. SUGGESTED THAT ISOLATED BUILDING CONSIDER THIS AS TREATMENT. BEDROCK TO BE A MINIMUM OF 4 FEET	
101-5	DIT WELLS		TES	CANINOT BE LISED ON COMPACTED SOILS OP IN PLACES POCK IS		
			MAYBE			
			NO			
			YES			
		OPERATION	YES			
		SPACE: MUST BE INTEGRATED INTO PARKING AREAS	YES			
	MICRO BIORETENTION	TOPOGRAPHY: LESS THAN 5% OR TERRACES	MAYBE	ACCEPTABLE FOR PAD AREA	-	
		SOILS: REQUIRE SPECIAL SOILS	YES		- CAN BE USED IN ISLAND ENDS WHERE M-8 FLOW IS NOT CONCENTRATED. MAY PROVI SWALES	
M-6		DRAINAGE AREA: LIMITED TO 1/2 ACRE	MAYBE	DEPENDS ON LOCATION		
		HOTSPOT RUNOFF: NOT PERMITTED	YES			
		INFRASTRUCTURE	YES			
M-7	RAIN GARDENS	TOPOGRAPHY: LESS THAN 5%	MAYBE	PAD SITE ONLY	COULD BE USED IN LIEU OF M-8 SWALES W CONCERNED. NOT USED IN THIS APPLICAT IMPLEMENT IS ALREADY BING USED BY A D	
		SOILS: COMPACTED SOILS NOT PERMITTED	YES			
		DRAINAGE AREA LESS THAN 2,000 SF	NO	MOST DRAINAGE AREAS EXCEED 2000 SF		
		INFRASTRUCTURE				
ма	SWALES	TOPOGRAPHY: SLOPES MUST BE KEPT TO A MINIMUM TO PROMOTE LOWER VELOCITIES. CHANNEL SLOPES LESS THAN 4%	MAYBE	REQUIRES USE OF CHECK DAMS IN ROADSIDE APPLICATION DUE TO ROAD SLOPE (10%)		
		SOILS: GRASS SWALE WORK BEST IN HSG A, B OR C SOILS, WET			USED EXTENSIVELY FOR THE ROADWAYS. UNDETERMINED AND WILL NEED TO BE EXA	
IVI-8		SWALES SHOULD BE USED IN C AND D SOILS, BIOSWALES CAN BE	YES			
		USED IN ALL TYPES			MEANTIME, GRASS SWALES WERE USED TO	
		DRAINAGE AREA: LIMITED TO 1 ACRE	MAYBE	MULTIPLE DISCHARGES ARE REQUIRED]	
		HOTSPOT RUNOFF: NOT PERMITTED	YES			
		LOCATION: MUST NOT BE ADJACENT TO RESIDENTIAL AREAS	YES			
		SPACE: MUST BE INTEGRATED INTO PARKING AREAS	YES			
	ENHANCED	SOILS: REQUIRE SPECIAL SOILS	YES		SUITABLE FOR SITE BUT AREAS WHERE US	
M-9	FILTERS	DRAINAGE AREA: LIMITED TO 1/2 ACRE	YES			
		HOTSPOT RUNOFF: NOT PERMITTED	YES			
1		INFRASTRUCTURE:	YES		· · · · · · · · · · · · · · · · · · ·	

O THIS SITE
T FLOW CAN BE DIRECTED ACROSS IT. IE AREA AND SHEET FLOW EL SPREADERS. ALTERNATIVE E REQUIRED.
NNECTION WITH OTHER ESD PRACTICES . GRADES WILL PREVENT THESE FROM
T OF INSTALLATION. CANNOT BE USED ITORY AREA, INSTALLATION MAY BE O VESTIBULES OR PROJECTIONS ON DESIGN REQUIRES DEPTH TO
PRACTICE IS ALSO PLANNED. AND DE COST ALTERNATIVE FOR GRASS
HERE CONVEYANCE IS NOT A ION AS THE AREA NECESSARY IS TO IFFERENT ESD PRACTICE.
TYPE (GRASS VS WET SWALE) MINED DURING DD PHASE. IN THE D DETERMINE SUITABILITY OF THE ESD
ABLE DIFFERENT ESD ARE ALREADY