

CDM Principal Designer Services
PD Design Risk Review








Commission Title:	WTC Grounds Maintenance to Various Parks in Suffolk	Commission No:	10612	Date:	08/12/2022
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Key Categories	✓ or N/A
1.0 General	✓
2.0 Site and Infrastructure	N/A
3.0 Landscape	✓
4.0 Basement, Mezzanine, Ground Floor	N/A
5.0 Upper Floors (1 and above)	N/A
6.0 Envelope	N/A
7.0 Roof	N/A
8.0 Construction	✓
9.0 Future Demolition	N/A








Date	Revision	
08/12/2022	Initial	Based on scope of works to each area.
	A	



Status
Closed
Open
Residual Risk
Not Applicable

Affected Element		Hazard / Risk	Principle of Prevention ✓ (Eliminate, Reduce, Control)			Control Measure	Status
			E	R	C		
1.0	General						
1.1	Health Hazards	Such as Psittacosis, Leptospirosis, Weils disease.				The works are majority to external park spaces, how will this be managed in terms of avoiding the risk of contracting illnesses link to animals?	<div></div>
		Sharps / Needles				Operatives to be mindful when handling overgrown bushes/ hedges with the possibility of encountering any sharps/needles. Measure to be implemented on how to respond in the circumstance of any operatives affected by sharps whilst working on site.	<div></div>

Affected Element		Hazard / Risk	Principle of Prevention ✓ (Eliminate, Reduce, Control)			Control Measure	Status
			E	R	C		
		Antisocial behaviour				Measures such as no lone working should be implemented. There should be measure in place on how to act in the circumstance of spotting any unusual behaviour.	
1.2	Third Parties	Antisocial behaviour				Measures such as no lone working should be implemented. There should be measure in place on how to act in the circumstance of spotting any unusual behaviour.	
1.3	Wind.	Wind effects on the task				During particular task such as grass/tree trimmings this can cause the waste being blown around which can affect pedestrians/park users a well as operatives. Minimise any high-level works during windy seasons to prevent harm to operatives.	
2.0	Site & Infrastructure						
2.1	Building Location.	Adjacent properties / land use - Party Wall Act, railway, waterways etc.				Not Applicable.	
3.0	Landscape						
3.1	Unauthorised access.	Boundary walls / fencing / entry systems.				What boundaries will be provided to prevent pedestrian, children and dogs interfering with the works	
3.2	Slips, Trips and Falls.	Slip and trip hazards on external surfaces. Excessive slopes.				What measures will be in place to prevent slip, trips and falls, especially during cold and rainy seasons	
3.3	Electrical Services.	Overhead services / cables				Overhead services where tree cutting is required. Fen Meadow clearly showed overhead services,	

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						possibly telephone lines.	
3.7	Outdoor Recreational Spaces.	Safety surfacing, equipment, designed for correct age group. Slips and Trips.				Is there a specialist play designer involved? Is the design compliant with current BS standards? EN 1176 – Playground Equipment Standards EN 1177 – Impact Absorbing Playground Surfacing: Safety Requirements and Test Methods.	
3.8	Waterways	Drowning risk from ponds, swales etc. Weil's Disease.				Are safety rings required? Where there are ponds on site operatives are to take the necessary precautions in terms of wearing the right face covering to prevent inhalation of any particles from the pond thus avoiding the risk of Legionella. Where there is also a risk of drowning what measure will be in place to prevent this?	
3.9	Tree Stability					What is the current state of the trees that require trimming? Are they stable enough for the works?	
4.0	Basement, Mezzanine, Ground Floor						
4.1	Basement Access.	Means of access to and use of basement. Trips - lighting and ventilation.				Not Applicable.	
5.0	Upper Floors (1 and above)						
5.1	Electrical Services.	Electrocution - internal items such as light fittings, access panels, works at height (high ceilings to lobbies, atriums, stairwells etc).				Not Applicable.	
6.0	Envelope						

Affected Element		Hazard / Risk	Principle of Prevention ✓ (Eliminate, Reduce, Control)			Control Measure	Status
			E	R	C		
6.1	Façade Materials.	Fire - external finish. Fire rating of materials, cleaning, and maintenance.				Not Applicable.	
7.0	Roof						
7.1	General Roof Access.	Access via stairs / door / hatch. Stairs, ladder, fixing points. Secondary access. Parapet heights – fall protection.				Not Applicable.	
8.0	Construction (Buildability)						
8.1	Construction, Refurbishment, Repair, Replacement.	Injuries, dust, noise, vibration caused by cutting.				<p>The Principal Contractor to implement methods to minimise the time spent on trimming and cutting where vibration from materials is a factor of risk to consider.</p> <p>Ear protection to be worn to minimise the effects cause to operatives whilst operating loud machinery.</p>	
8.2	Manual Handling.	Injuries from lifting heavy items or repetitive tasks.				What can be designed out to reduce injuries i.e., smaller/lighter equipment, more manpower etc?	
8.3	Dust.	Respiratory diseases - inhalation of dust from cutting on site.				<p>Operatives are required to have the correct PPE to prevent the risk of dust/particle inhalation.</p> <p>However, what methods are in place to prevent park goers or pedestrians in the area being affected?</p>	
8.4	Hazardous Materials.	Inhalation, burning, cutting - risk of health hazards to operatives.				Has the design reduced/eliminated hazardous materials i.e., alternative materials specified?	
8.5	Fire.	Risk of fire on site from hot works or flammable materials.				Has the design considered alternatives to use of hot works i.e., push fit plumbing? Correct Permit to Work procedures in place?	

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8.6	Welfare.	Site compound location.				<p>Due to the works being over a period of 4 years what measures are in place to provide operatives with warm rest areas during the cold winter seasons and cool rest areas during the summer period?</p> <p>Operatives are required to have access to toilets, drinking water and a rest area whilst undergoing works.</p>	
9.0	Future Demolition						
9.1	Demolition of Part or Whole of Building / Structure.	Uncontrolled collapse during demolition. Pre-Cast Concrete.				Not Applicable.	

Principal Designer:	Tajera Campbell <i>For and on behalf of Playle & Partners LLP</i>	Signature:	
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