

Liverpool Zipwire

Townscape Visual Impact Assessment

Document Title:
MH-062-APP-G Viewpoint Assessment of Effects
(A3 Document)

Refer to documents:
MH-062-R01 TVIA Main Report
MH-062-APP-A Theoretical View Locations
MH-062-APP-H Viewpoint Assessment Montages



Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Mitigation Measures


Development Stage	Mitigation Measures
During Construction	<p>As the construction period is of a limited duration (approximately 12 months), in 2 phases,</p> <p>Phase 1 Main architectural and engineering changes to Tower and Roof of Library</p> <p>Significant mitigation to limit townscape and visual impacts is not anticipated. However, the following would be applied: Temporary protection of vulnerable features to be retained on adjacent structures would be undertaken in accordance with prevailing best practice; Construction areas would be laid out to minimise adverse impacts arising from temporary structures, construction activities and lighting; Use of construction site lighting outside normal working hours would be restricted to the minimum necessary for workforce and public safety, and for security. Directional luminaries would be used to limit unwanted light spills. Maintenance of tidy and contained site compounds. Hoardings erected around the area of construction works, for reasons of creating a visual barrier to construction activities and also as a safety measure to prevent access to the general public; Location of construction access points to avoid interference with front of/or main façades of buildings where possible. Temporal measures including the removal of all temporary structures and stockpiles when no longer required, and prompt reinstatement of construction areas;</p> <p>Phase 2 Wire installation and testing The installation on the main wires would occurs over the shortest possible reasonable time period to minimise disruption to the city.</p>
On Completion (Non-Operational) Mitigation	<p>The Tower launch site will externally involve the removal of 2 existing windows. The choice of materials and colours for the tower launch area have been designed to match the existing tower colour palette where possible. The Library Roof landing area is constructed using materials and a colour palate to minimise visual intrusion by using a colour palate of light greys to help blend in with skies. The structure has been designed using minimal materials creating a light semi permeable structure to the onlooker. Solid enclosed shelter structures have been avoided on the roof to minimise creating solid silhouette changes except a small utility cabinet to the rear of the landing zone and an accessibility lift. The landing area material choice takes reference from top of building mobile phone masts which are a common city centre element. Lighting has been designed using directional luminaries which would be used to limit unwanted light spills. During hours on non-operation no lighting will be utilised (except dim fire safety lighting), unless in an emergency. The wire thickness is 12 mm and not the usual 28 mm to help reduce visual impact.</p>
On Completion (Operational) Mitigation A culminative of the above 'On Completion Non-Operational' and Zip wire Users	<p>Notwithstanding the above 'Non-Operational' mitigation measures, additional mitigation has been designed into the proposal during use. The operating time has been limited to reasonable operational hours. As a precedent, the nearest moving wire hung permanent proposal 'The Emirates Cable Car' (London) has operation hours which range from 16 hrs during busy periods and a minimum of 13 hrs. The Zipline is planned to be operational for 11 hrs to minimise impact, with its start time at 9 am to 8 pm finish. The suit colour for the normal Zip World brand is red, but specifically for this project a neutral grey has been chosen with some small hardly visible Zip World red badges to minimise skyline and view disruption. Limiting the riders to a maximum of approx. 36 riders per zipwire per hour. Non-operation on special days at allocated time slots for days such as remembrance Sunday, Easter Sunday, Christmas Day see planning statement for full details.</p>
Reversibility of Whole Proposal	<p>The proposal has 3 sections, Launch area, Zip Wire and Landing Site, each of which can easily be dis-assembled within approx. 20 weeks to restore the townscape to its original baseline with no perceivable change to any of the existing structures. This ability to be completely removed without noticeable trace has been factored into the Townscape and Visual Effects assessment as recommended by the Landscape Institute GLVIA3.</p>

Special Note ratings for Visual Effects

The proposed change to view description, on completion (operational) also estimates the amount of total duration that the viewer/receptor would see of the rider for the chosen 14 viewpoint assessments.

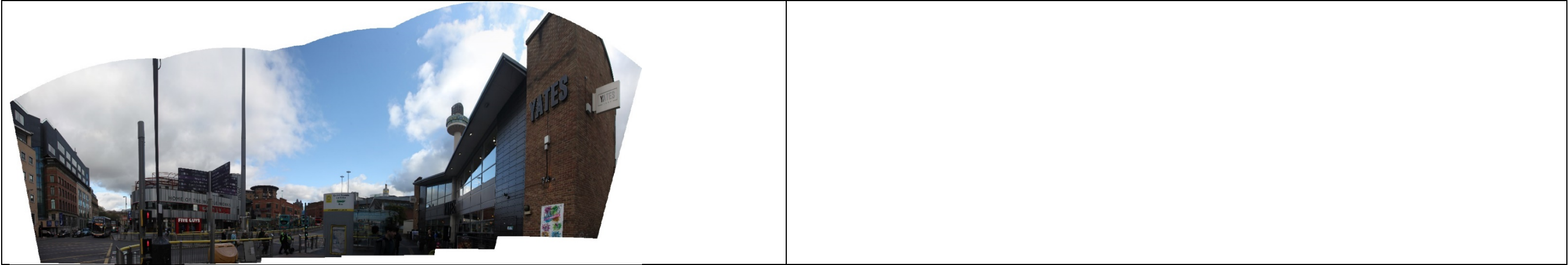
- Short Duration approx. 12 seconds or less,
- Medium Duration approx. 22 to 12 seconds,
- Full Duration approx. the whole ride.

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant


Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N°. Location	World Heritage Site Status, Local Character Area, Designated Areas, approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V1 Williamson Square	World Heritage Site Status Buffer Zone Local Character Area LCA2 By MH Designated Area Edge of Castle Street Conservation Area Distance to proposal 100m	Baseline View Description Busy modern public square with a mix of building types and ages. The Tower is a landmark modernist feature of importance, towering over square. Mostly retail and some leisure activities. Square is very active with temporary uses: fountains, Stalls, Xmas tree etc. Some trees in square break up vista. Some low-lying street furniture e.g. seats, bins View Type Open view with low buildings. Viewer Numbers Many potential viewers, however many distractions. Viewer type Most Viewers are travelling through this busy route, with some enjoying the square	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction Possible slight view of Tower refurbishment scaffolding, at an angle, possible occasional cranes.	Size / Scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a barely registerable set of 4 zipwires would be seen gently dropping over the visual scene. Not realistically discernible at night.	Size / Scale Slight Geographical Position Skyline view Duration Long term Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
				On Completion (Operational) Medium Duration view of riders.' A grey blurred object of small significance in this busy view mostly. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower. Something to watch and photograph	Size / Scale Moderate Geographical Position Skyline view Duration Flashing By Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Moderate (Moderately Significant)
							
Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status	Baseline View Description, View Type, Viewer numbers and Types	Value of Views,	Proposed Change to View	Size / scale,	Nature of Effect	Level of Significance

Ratings for Visual Effects:							
Type of View: Glimpsed, Open, Oblique, Framed, Filtered				Extent of Effect: (Descriptive)			
Number of Viewers: Few, Moderate, Many, Crowded				Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect			
Value of Views: High, Medium, Low				Reversibility: Yes, within (timescale)/No			
Susceptibility to Change: High, Medium, Low				Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change			
Overall Sensitivity of Receptor: High, Medium, Low				Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary			
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change				Significance: Significant, Moderately Significant, Not Significant			

	Local Character Area, Designated Areas, Approx. Distance to Proposal		Susceptibility to Change. Overall Sensitivity		Geographical Position, Duration, Reversibility of View; Overall Magnitude		
V2 Hood Street Bus Station	World Heritage Site Status Buffer Zone Local Character Area LCA2 By MH Designated Area Edge of Castle Street Conservation Area Distance to proposal 220m	Baseline View Description This moving space, a place of transition for the many, of leaving there and arriving here, Liverpool. A very busy bus station of mixed architectural styles from Royal Court Theatre, the St John's Shopping Centre to the newer Queens square leisure offer. Views art focused down streets, with many column, information boards and bus shelters in lower view. Buildings contain, frame and focus views. Some people loitering. Shops and offices to west. Tower visible in middle distance. View Type Open framed view with buildings. Viewer Numbers Many Crowded Viewer type Most Viewers are travelling through this busy route, with some waiting for buses	Value of Views Low Susceptibility to Change Low Overall Sensitivity Low	During Construction Possible slight view of Tower refurbishment scaffolding, at an angle, possible occasional cranes.	Size / Scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint wires will be visible as slight additions. 4 zipwires would be seen gently dropping over the visual scene. Not realistically discernible at night. They hang in the air in this modern space.	Size / Scale Slight Geographical Position Skyline view Duration Long term Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
				On Completion (Operational) Medium Duration view of riders.' A grey blurred object of small significance in this busy view mostly. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower. Something to watch and photograph in keeping with this changing area.	Size / Scale Moderate Geographical Position Skyline view Duration Flashing By Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Moderate (Moderately Significant)



Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
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Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant


Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change. Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View; Overall Magnitude	Nature of Effect	Level of Significance
V3 Victoria Street	World Heritage Site Status Yes Local Character Area LCA6 By MH Designated Area Edge of Castle Street Conservation Area Distance to proposal 220m	Baseline View Description Busy street of heritage merit and a transition to the bus station. Modern development of Queens Square faces older buildings on street. Views are channelled by surrounding building façades and roads. A space of movement which allows views to the Zip Tower through an adjoining street. View Type Open Channelled Viewer Numbers Moderate potential viewers, however many distractions. Viewer type Most Viewers are travelling through this busy route, with some enjoying the street.	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity High	During Construction Possible slight view of Tower refurbishment scaffolding, at an angle, possible occasional cranes.	Size / Scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a barely registerable set of 4 zipwires would be seen gently dropping over the visual scene behind building very quickly. Not realistically discernible at night. Small wires in the middle distance that could be missed due to the complexity of view looking towards St John’s Gardens.	Size / Scale Slight Geographical Position Mid range, behind other buildings mostly Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Medium Duration view of riders.’ A grey blurred object of small significance in this view. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower. Something to watch and photograph	Size / Scale Moderate Geographical Position Between buildings Duration Flashing By Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Moderate (Moderately Significant)
							

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
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Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant


Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V4 Queensway Tunnel Entrance	World Heritage Site Status Yes Local Character Area LCA6 By MH Designated Area William Brown Street Conservation Area Distance to proposal 160m	Baseline View Description A very busy road tunnel entrance to cross the Mersey. Some structures are listed, art deco style. Strong non pedestrian views up the elevated William Brown Street Cultural Quarter from vehicles. Some trees interfere with views. Flyover being demolished, a place in transition. Noisy. The view has an open panorama of the cultural quarter View Type Open Viewer Numbers Many potential viewers driving Viewer type Most viewers are travelling through this busy vehicle route	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity High	During Construction Possible slight view of Tower refurbishment scaffolding, at an angle, possible occasional cranes.	Size / scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a barely registerable set of 4 zipwires would be seen gently dropping over the visual scene but still visible over St George's Hall. Not realistically discernible at night. Small wires in the middle distance that could be missed due to the complexity of view looking into St John's Gardens. Most viewers will be navigating the highway.	Size / Scale Slight Geographical Position Mid range, behind other buildings mostly Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Full Duration view of riders. A grey blurred object of minor significance in this view. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower.	Size / Scale Slight Geographical Position Panorama of city from below Duration Short Term Reversibility of View Yes Overall Magnitude Moderate Beneficial	Adverse	Slight (Not Significant)




Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
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Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change. Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View; Overall Magnitude	Nature of Effect	Level of Significance
V5 St John's Gardens Hillsborough Monument	World Heritage Site Status Yes Local Character Area LCA1 By MH Designated Area William Brown Street Conservation Area Distance to proposal 60m	Baseline View Description A very busy road tunnel entrance to cross the Mersey lies behind viewer. The view is a broken linear view upon which the viewer can get glimpsed views into gardens through mature trees which screen most views, and strong views of the Museum building to the north. Street furniture, lighting columns and the Hillsborough Memorial filter views. View Type Framed Viewer Numbers Few potential viewers Viewer type Most viewers are travelling through this space, with some including tourists visiting gardens and strolling about the impressive heritage area.	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction Possible view of Tower refurbishment scaffolding, at an angle, possible occasional cranes. Some views of Library roof construction.	Size / Scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a set of 4 zipwires would be seen where there is a gap in the trees and a partial glimpsed view up William Brown Street. Not realistically discernible at night. Small wires in the middle distance could be missed due to the presence of thicker wires in foreground stretched between the tree gaps.	Size / Scale Slight Geographical Position Skyline above St George's Hall Duration Long term Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
				On Completion (Operational) Medium Duration view of riders. Viewers would see glimpsed views of the Zip wire users, through the gap in trees. This view also looks to the large steel signs of the museum. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower. Something to watch and photograph.	Size / Scale Slight Geographical Position Skyline above St George's Hall Duration Flashing by Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
							


Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
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Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V6 Queensway Tunnel Entrance	World Heritage Site Status Yes Local Character Area LCA6 By MH Designated Area William Brown Street Conservation Area Distance to proposal 160m	Baseline View Description A very busy road tunnel entrance to cross the Mersey. Some structures are listed, art deco style. Strong non pedestrian views up the elevated William Brown Street Cultural Quarter from vehicles. Some trees interfere with views. Flyover being demolished, a place in transition. Noisy. The view requires an open panorama of the cultural quarter View Type Open Viewer Numbers Many potential viewers driving Viewer type Most viewers are travelling through this busy vehicle route	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity High	During Construction Possible slight view of Tower refurbishment scaffolding, at an angle, possible occasional cranes.	Size / Scale Negligible Geographical Position Skyline edge of tower Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a barely registerable set of 4 zipwires would be seen gently dropping over the visual scene but still visible over St George’s Hall. Not realistically discernible at night. Small wires in the middle distance that could be missed due to the complexity of view looking into St John’s Gardens. Most viewers will be navigating the highway.	Size / Scale Slight Geographical Position Mid range, behind other buildings mostly Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Full Duration view of riders. A grey blurred object of minor significance in this view. This contemporary fun, vibrant area would see proposals as an entertaining visual enhancement to a static, solid, domineering Tower.	Size / Scale Slight Geographical Position Panorama of city from below Duration Short Term Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Negligible (Not Significant)
							


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Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
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Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V7 William Brown Street	World Heritage Site Status Yes Local Character Area LCA1 By MH Designated Area William Brown Street Conservation Area Distance to proposal 40m	Baseline View Description A calm semi-pedestrianised cul-de-sac which has a turning head just beyond library entrance. Some public, disabled and coach parking along this heritage street. The presence of modern materials reminds the viewer that this is a working, living space, not an empty postcard. The grand façade of the museum, Library, Art Gallery strike a strong heritage façade and sit opposite the mature tree lined St John’s Gardens. The view is a mixture of framed and glimpsed through the mature trees towards the Launch site. View Type Framed/Glimpsed Viewer Numbers Many tourists and users Viewer type Some enjoying the visual amenity and some passing through.	Value of Views High Susceptibility to Change High Overall Sensitivity High	During Construction Glimpsed view of Tower refurbishment scaffolding through trees may be possible, Some Library roof construction may be visible.	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a registerable set of 4 zipwires would be seen passing over William Brown Street for a short moment, with intervening mature trees screening views. Not realistically discernible at night. Small wires would be seen cross the view up William Brown Street	Size / Scale Slight Geographical Position Panoramic Skyline Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Short Duration view of riders glimpsed through gaps in trees. A grey blurred object of minor significance would quickly fly over William Brown Street. Something to watch and photograph	Size / Scale Slight Geographical Position Panorama of city from below Duration Short Term Reversibility of View Yes Overall Magnitude Negligible	Adverse	Negligible (Not Significant)
							

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
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Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V8 St Johns Gardens Gladstone Statue	World Heritage Site Status Yes Local Character Area LCA1 By MH Designated Area William Brown Street Conservation Area Distance to proposal 40m approx.	Baseline View Description A green space with some mature tree planting and large statute monuments, smaller stone monuments and a plethora of temporary fading monuments. A space of reflection with associated memorials especially during remembrance Sunday. The view shows a statue of Gladstone in the foreground, with mature trees either side. This place is an area of seating for park users. View Type Framed Viewer Numbers Many tourists and users Viewer type Some enjoying the visual amenity and some passing through.	Value of Views Medium Susceptibility to Change High Overall Sensitivity High	During Construction Glimpsed views through trees of Library roof construction	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) From this viewpoint a registerable set of 4 zipwires would be seen from Tower passing over towards William Brown Street and Library landing area with intervening mature trees screening some overhead views.	Size / Scale Moderate Geographical Position Overhead through tree canopies Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Medium Duration view of riders framed by St Georges Hall and surrounding trees, sometimes glimpsed through gaps in trees. A grey blurred object in this view. Refer to planning statement for mitigation package restricting operation at certain times.	Size / Scale Slight Geographical Position Panorama of city from below Duration Short Term Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
							

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Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V9 Commutation Row	World Heritage Site Status Yes Local Character Area LCA8 By MH Designated Area William Brown Street Conservation Area Distance to proposal 190m approx.	Baseline View Description A split view leading both to the William Brown Street cultural quarter and views across towards St George's Hall and its associated front public space. A presidential approach, grand public space for celebrating and mourning the people of the city. A civic focus of attention, a multiuse space that accommodates Ferris wheels, Christmas markets any many other events of both civic pride and visually impacting during their presence. A busy area of vehicles and pedestrians, View Type Framed Viewer Numbers Many tourists and users Viewer type Some enjoying the visual amenity and some passing through.	Value of Views High Susceptibility to Change Medium (Xmas markets) Overall Sensitivity Medium	During Construction Glimpsed view of Tower refurbishment scaffolding through trees may be possible,	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) A slight intrusion on this magnificent panorama which would be behind the grandeur of St George's Hall, partially glimpsed by both structures and trees.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Short Duration view of riders. Viewers would occasionally see partial glimpsed views of the riders behind St George's Hall, but mostly filtered by structures and trees at the nearer landing point. A short moment would see riders pass over William Brown Street.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Flashing By Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)
							

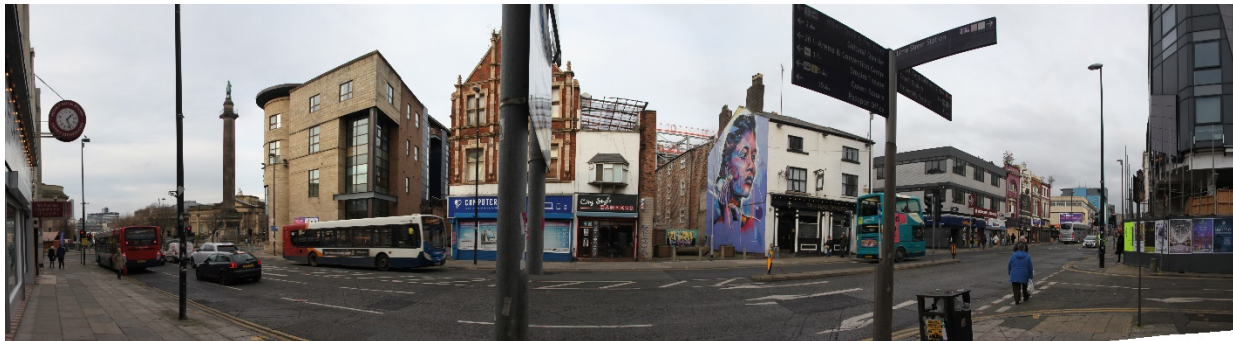
Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V10 Commutation Row	World Heritage Site Status Yes Local Character Area LCA1 By MH Designated Area William Brown Street Conservation Area Distance to proposal 190m approx.	Baseline View Description A leading mostly across towards St George's Hall and its associated front public space. A presidential approach, grand public space for celebrating and mourning the people of the city. A civic focus of attention, a multiuse space that accommodates Ferris wheels, Christmas markets any many other events of both civic pride and visually impacting during their presence. Building frames view either side. View Type Framed Viewer Numbers Many tourists and users Viewer type Some enjoying the visual amenity and some passing through.	Value of Views High Susceptibility to Change Medium (Xmas markets) Overall Sensitivity Medium	During Construction Glimpsed view of Tower refurbishment scaffolding through trees may be possible,	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) A slight intrusion on this magnificent panorama which would be behind the grandeur of St George's Hall. Barely registerable due to angle of view.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Medium Duration view of riders. Viewers would occasionally see partial glimpsed views of the riders behind St George's Hall. Nearby buildings screening other views to landing strip.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Flashing By Reversibility of View Yes Overall Magnitude Slight Adverse	Adverse	Slight (Not Significant)




Baseline Description and Sensitivity	Assessed Change, Magnitude and Significance
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Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Viewpoint N° Location	World Heritage Site Status Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change. Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View; Overall Magnitude	Nature of Effect	Level of Significance
V11 London Road	World Heritage Site Status Buffer Local Character Area LCA8 By MH Designated Area William Brown Street Conservation Area Distance to proposal 200m approx.	Baseline View Description A busy street with a real ethnic character amongst passing students. The view is framed by the street's buildings towards the Waterloo monument and beyond to the upper parts of William Brown Street, which is partially screened by trees, lampposts and other imposing street furniture. View Type Framed Viewer Numbers Many tourists and users Viewer type Passing by pedestrians	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction Possible Library roof construction glimpsed	NA	NA	No Effect (Not Significant)
				On Completion (Non-Operational) A slight intrusion on this framed view which focuses down William Brown Street. Waterloo monument and other intervening structures partially screen views. Tops of landing structure partly visible on Library roof, but due to intervening street columns not visually standing out.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Short Duration view of riders. Viewers would see a short framed view. Nearby buildings screening other view to landing strip	Size / Scale Slight Geographical Position On existing Skyline, Duration Flashing By Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
							


Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change. Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View; Overall Magnitude	Nature of Effect	Level of Significance
V12 St George's Place	World Heritage Site Status Yes Local Character Area LCA8 By MH Designated Area William Brown Street Conservation Area Distance to proposal 120m approx.	Baseline View Description A busy vehicle and pedestrian cross roads junction. The view has a mix of modern banner mesh clad walls, large animated, illuminated advertising hoardings, then St George's Hall and Liverpool Lime Street Station complex View Type Open Viewer Numbers Crowded Viewer type Most passing through.	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction Glimpsed view of Tower refurbishment scaffolding over skyline of adjacent buildings might be possible.	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non-Operational) A slight intrusion on this panorama which would be behind St John's Shopping Centre and St George's Hall with only a slight glimpsed view between	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Short Duration view of riders. A slight intrusion on this panorama which would be behind St John's Shopping Centre and St George's Hall with only a short framed view of riders.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Flashing By Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Moderate (Significant)
							

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V13 Liverpool lime Street Station	World Heritage Site Status Yes Local Character Area LCA8 By MH Designated Area William Brown Street Conservation Area Distance to proposal 120m approx.	Baseline View Description A busy vehicle and pedestrian cross roads junction. The view has a mix of modern banner mesh clad walls, large animated, illuminated advertising hoardings, then St George’s Hall and Liverpool Lime Street Station complex View Type Open, elevated Viewer Numbers Crowded Viewer type Most passing through.	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction View of Tower refurbishment scaffolding over skyline of adjacent buildings	Size / Scale Neutral Geographical Position Panoramic Skyline Duration Short term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Non- Operational) A slight intrusion on this panorama which would be behind St John’s Shopping Centre and St George’s Hall with a straight view of most of the Zipwire route elevated on Skyline.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Long term Reversibility of View Yes Overall Magnitude Negligible Adverse	Adverse	Negligible (Not Significant)
				On Completion (Operational) Medium Duration view of riders. A slight intrusion on this panorama which would be behind St John’s Shopping Centre and St George’s Hall with disappearing behind St Georges Hall. Would be an exciting addition to townscape character.	Size / Scale Slight Geographical Position Partial Skyline, and hidden Duration Flashing By Reversibility of View Yes Overall Magnitude Moderate Beneficial	Beneficial	Moderate (Significant)
							

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant

Baseline Description and Sensitivity				Assessed Change, Magnitude and Significance			
Viewpoint N° Location	World Heritage Site Status, Local Character Area, Designated Areas, Approx. Distance to Proposal	Baseline View Description, View Type, Viewer numbers and Types	Value of Views, Susceptibility to Change, Overall Sensitivity	Proposed Change to View	Size / scale, Geographical Position, Duration, Reversibility of View, Overall Magnitude	Nature of Effect	Level of Significance
V14 Adelphi Hotel Plaza	World Heritage Site Status Buffer Local Character Area LCA8 By MH Designated Area None Distance to proposal 300m approx.	Baseline View Description A busy vehicle and pedestrian road outside the palatial Adelphi Hotel. View Type Glimpsed Viewer Numbers Many Viewer type Most passing through	Value of Views Medium Susceptibility to Change Medium Overall Sensitivity Medium	During Construction No view of Tower or Library.	Size / Scale Neutral Geographical Position Roof Top Duration Short term Reversibility of View Yes Overall Magnitude Neutral	NA	Neutral
				On Completion (Non- Operational) A slight intrusion in the distance of the line mostly screened by buildings. Slight frame view at end of street, barely visible	Size / Scale Neutral Geographical Position Roof Top Duration Short term Reversibility of View Yes Overall Magnitude Neutral	NA	Neutral
				On Completion (Operational) Short Duration view of riders. A slight intrusion in the distance of the line mostly screened by buildings. Slight frame view at end of street, barely visible	Size / Scale Neutral Geographical Position Roof Top Duration Short term Reversibility of View Yes Overall Magnitude Neutral	NA	Neutral
							

Ratings for Visual Effects:	
Type of View: Glimpsed, Open, Oblique, Framed, Filtered	Extent of Effect: (Descriptive)
Number of Viewers: Few, Moderate, Many, Crowded	Duration: Long-term, Medium-term, Short-term, Flashing by, Direct, Indirect
Value of Views: High, Medium, Low	Reversibility: Yes, within (timescale)/No
Susceptibility to Change: High, Medium, Low	Overall Magnitude of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change
Overall Sensitivity of Receptor: High, Medium, Low	Nature of Effect: Adverse, Benefit, Neutral, Not Applicable, Direct, Indirect, Secondary
Size/Scale of Effect: Major, Moderate, Slight, Negligible, Neutral, No Change	Significance: Significant, Moderately Significant, Not Significant