

Spatial framework and reference database.

Preparing models of the Proposed Development.

- 2.21A 3D model was built by S+P to correspond to the current Application Scheme. The level of detail was sufficient to match the AVR 3 specifications as required.
- 2.22The model is then located in the spatial framework using reference information supplied by the Architecture Team at S+P. Study renders are then supplied to the Architecture teams to confirm materials, heights and style are correct for the Application Scheme. At each stage of the design process the differing iteration designs to the computer model are assigned a unique reference number.

Determining occlusion and creating simple renderings.

- 2.23A further rendering was created using the aligned camera, which combined the Application Scheme with the computer generated context. This was used by the artist to assist with determining which parts of the photograph should appear in front of the Application Scheme and which were to be behind it. Using this image and additional site photography for information, the source image is divided into layers representing foreground and background elements.
- 2.24In cases where the Application Scheme is to be represented in silhouette or massing form (AVR1 or AVR2), final renderings of the accurate massing model were generated and inserted into the background photograph between the foreground and background layers. This was during the preliminary findings and are not included in this document.
- 2.25Final graphical treatments were applied to the resulting image as agreed with the Architecture Team, environmental and planning consultants. These included the application of differing coloured outlines or the addition of tones for visible or occluded elements.

Creating more photo-realistic renderings.

- 2.26Where more realistic representations of the Application Scheme were required (AVR3) the initial model is developed to show the building envelope in greater detail.
- 1.29For each final view, lighting was set in the visualisation system to simulate the lighting conditions at the time of the source photograph. Additional lighting was placed where required in the system to best replicate the recorded lighting conditions, reflective light and the proposed materials to be used.

- 1.30When all the above information is combined, the high resolution images were rendered and overlaid with the background photography. Further digital manipulation of colours, atmosphere and suggested life styles were applied by the artist to be indicative of the Application Scheme as it would appear under the lighting conditions as initially recorded in the photograph, resulting in the final study images.

Documneting the Study.

- 1.31The final report on the Study Location was created which shows the existing and proposed vistas. These are complemented by images of the location map, a record of the camera location a descriptive text of camera, lens and heights of camera AOD used for each Assessment Point.

Space House, camera location information

View no.	ViewTitle	Survey	Ground		Date	Time	Camera	Camera Height		WL / Render
		Eastings	Northings	Height AOD				Camera Lens	above ground	
1	John Soane Museum (North side of Lincolns Fields)	530720.845	181454.877	22.883m	03/04/2019	10.15	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
2	Junction of Newmans Row and Lincoln's Inn Fields (South East)	530906.109	181351.044	20.003m	13/11/2018	11.10	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
3	Portugal street, near the junction with Carey Street	530874.667	181257.781	19.582m	03/04/2019	10.28	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
4	Great Queen Street/Wild Street, near the Freemasons Trade Hall	530414.304	181215.905	23.775m	03/04/2019	11.06	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
5	Drury Lane & Russell Street Junction	530545.273	181085.148	22.061m	19/02/2019	13.22	Canon EOS 5D Mk 3	17 mm Tilt & Shift	1.7m	Render
6	Wellington Street & Russell Street Junction	530472.747	180964.067	20.951m	03/04/2019	10.48	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
7	Kingsway (north) and Remnant Street Junction	530576.234	181400.930	22.177m	13/11/2018	10.45	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render
8	Kingsway (South East side) near Metro Bank	530719.807	181095.189	18.776m	13/11/2018	11.34	Canon EOS 5D Mk 3	24 mm Tilt & Shift	1.7m	Render



KEY

- Visible
- Obstructed View
- Not Visible



View 1 : Existing



View 1 : Proposed



View 2 : Existing



View 2 : Proposed



View 3 : Existing



View 3 : Proposed

NB. The construction of a new, ten-storey building at 44 Lincoln's Inn Fields has commenced, consented in July 2017 (RN 17/01479/FULL), and will be erected within the middle ground of this view; this will ultimately conceal views of Space House from this perspective.



View 4 : Existing



View 4 : Proposed



View 5 : Existing



View 5 : Proposed



View 5 : Existing



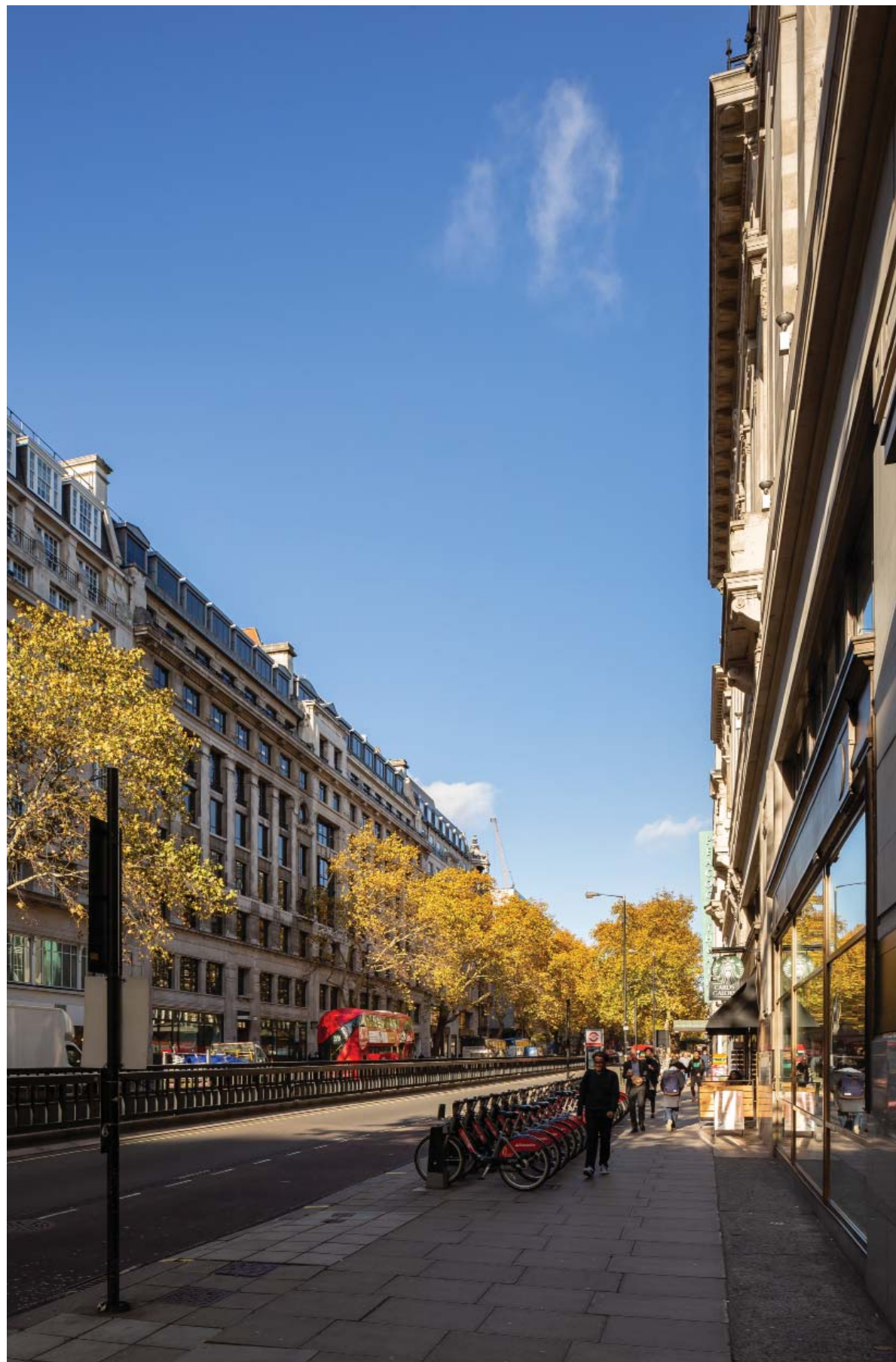
View 5 : Proposed



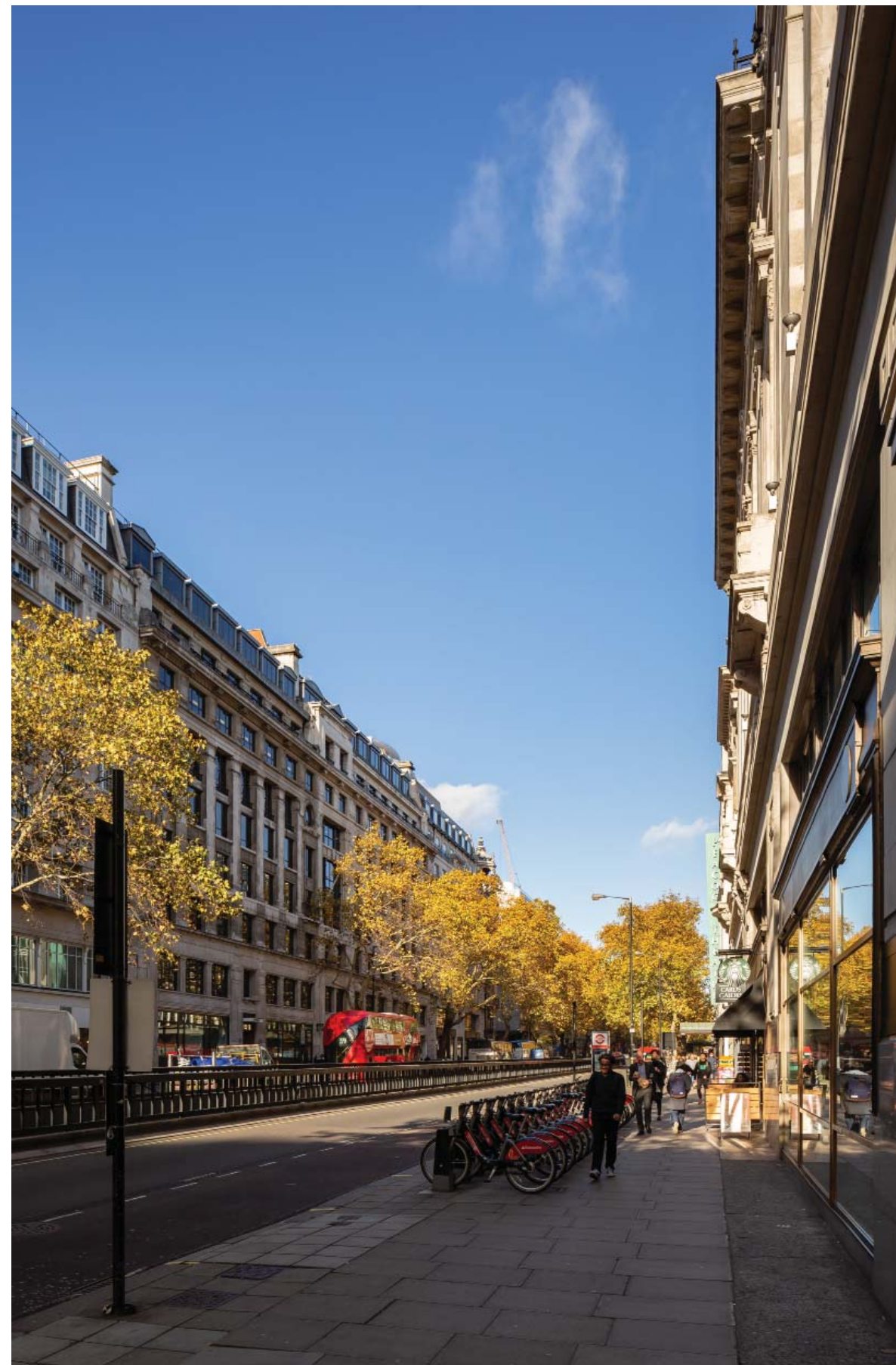
View 7 : Existing



View 7 : Proposed



View 8 : Existing



View 8 : Proposed



View 7 : Existing