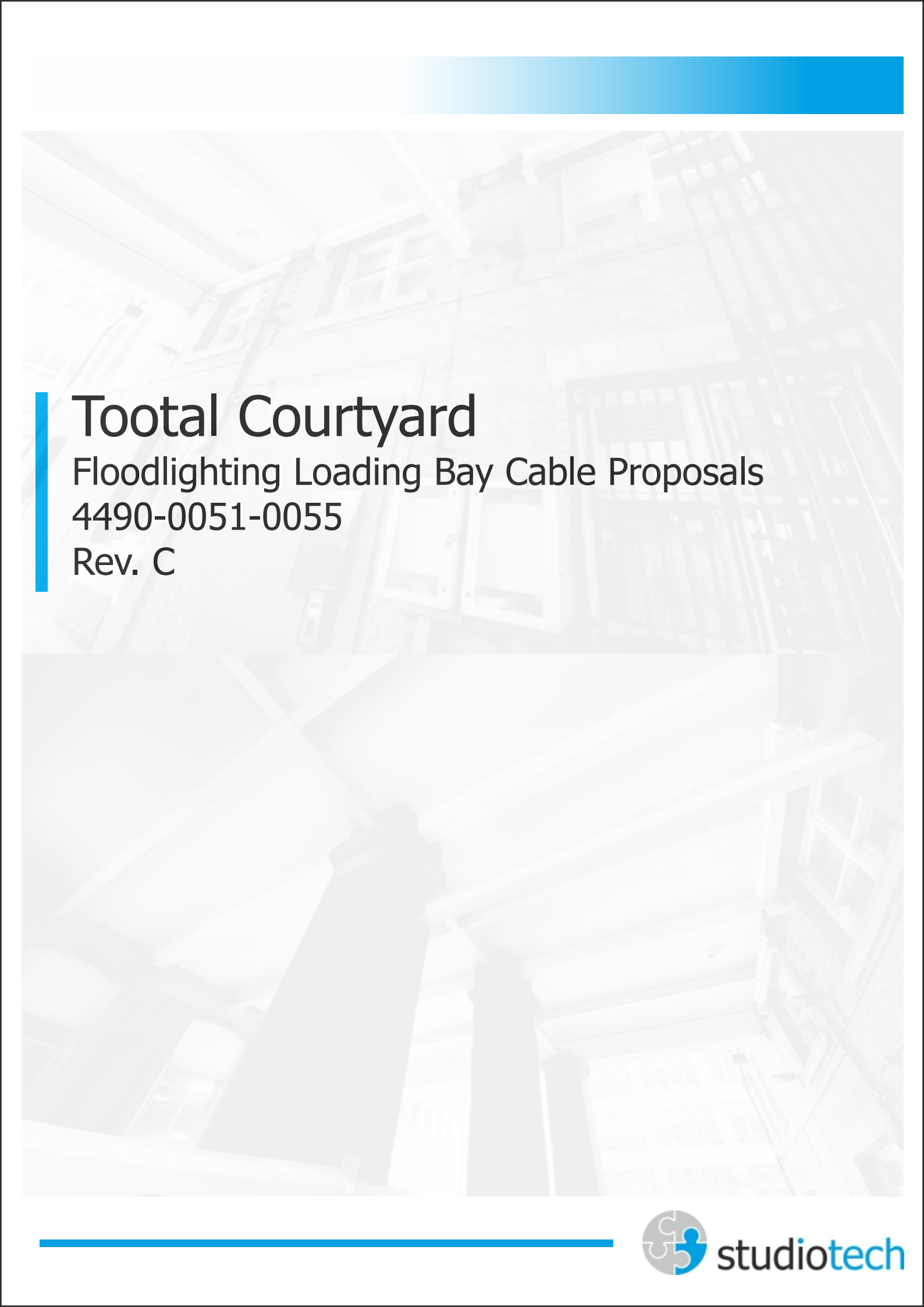




Tootal Courtyard

Floodlighting Loading Bay Cable Proposals

4490-0051-0055

Rev. C

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Loading Bay Gate Hinge Lighting

Box trunking running horizontally across 'I' beams to be sprayed white by TMT to match.

Where practically possible all fixings will be put into mortar joints and not into brickwork, if the mortar is not suitable for fixings we may be required to fix into the brickwork to ensure a safe fixing. We estimate no more than 50 fixings will be used into mortar or brick"

Cable containment run at high level will be fixed as discretely as possible onto the top edge of the steel 'I' beams

New supply cables to be routed from the basement & contained within 50mm x 50mm galvanized steel box trunking. All containment to be galvanized. All trunking to be sprayed by TMT in either white or black dependent on surround area finish, i.e wall = black, ceiling = white

Cable containment to be run vertically down wall, to have no more than x6no. fixings (subject to suitability of mortar fixings) Fixings will be into mortar joints and not granite block. Should mortar not be suitable for fixings, alternative methods will be discussed

Cables running to the to the gate hinge light fittings will be run in 20mm black conduit directly above the hinge. Where the conduit meets the fittings, 20mm flexible metal conduit will be used to help disguise the cable containment within the bracket detail



New supply cables to be routed from the basement & contained within 50mm x 50mm galvanized steel box trunking. All containment to be galvanized. All trunking to be sprayed by TMT in either white or black dependent on surround area finish, i.e wall = black, ceiling = white

Cable containment to be secured to the wall using conduit saddles fixed into mortar joints and not granite

Existing fire alarm cables will remain in current location

Existing security fitting and fused spur will remain in place



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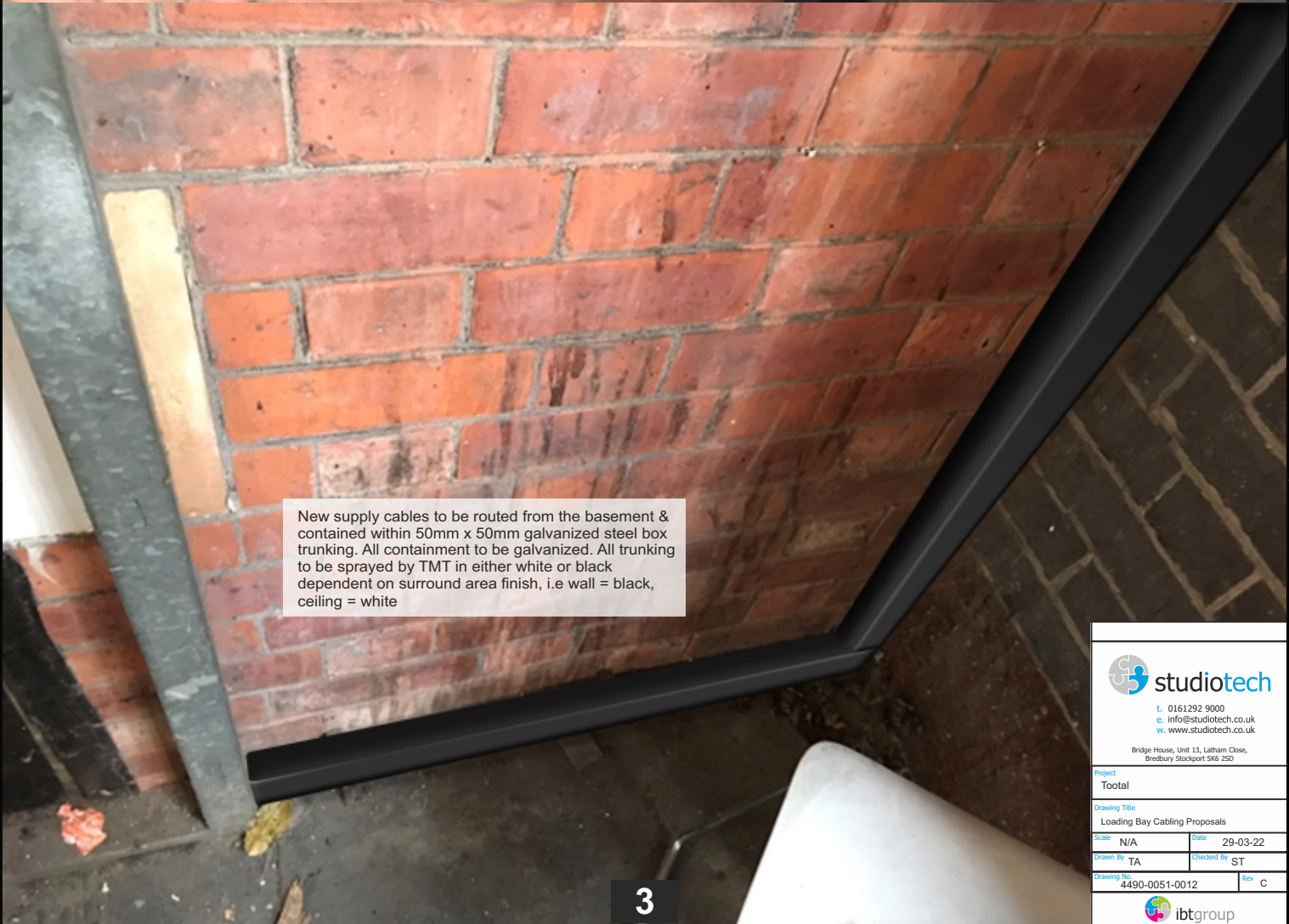
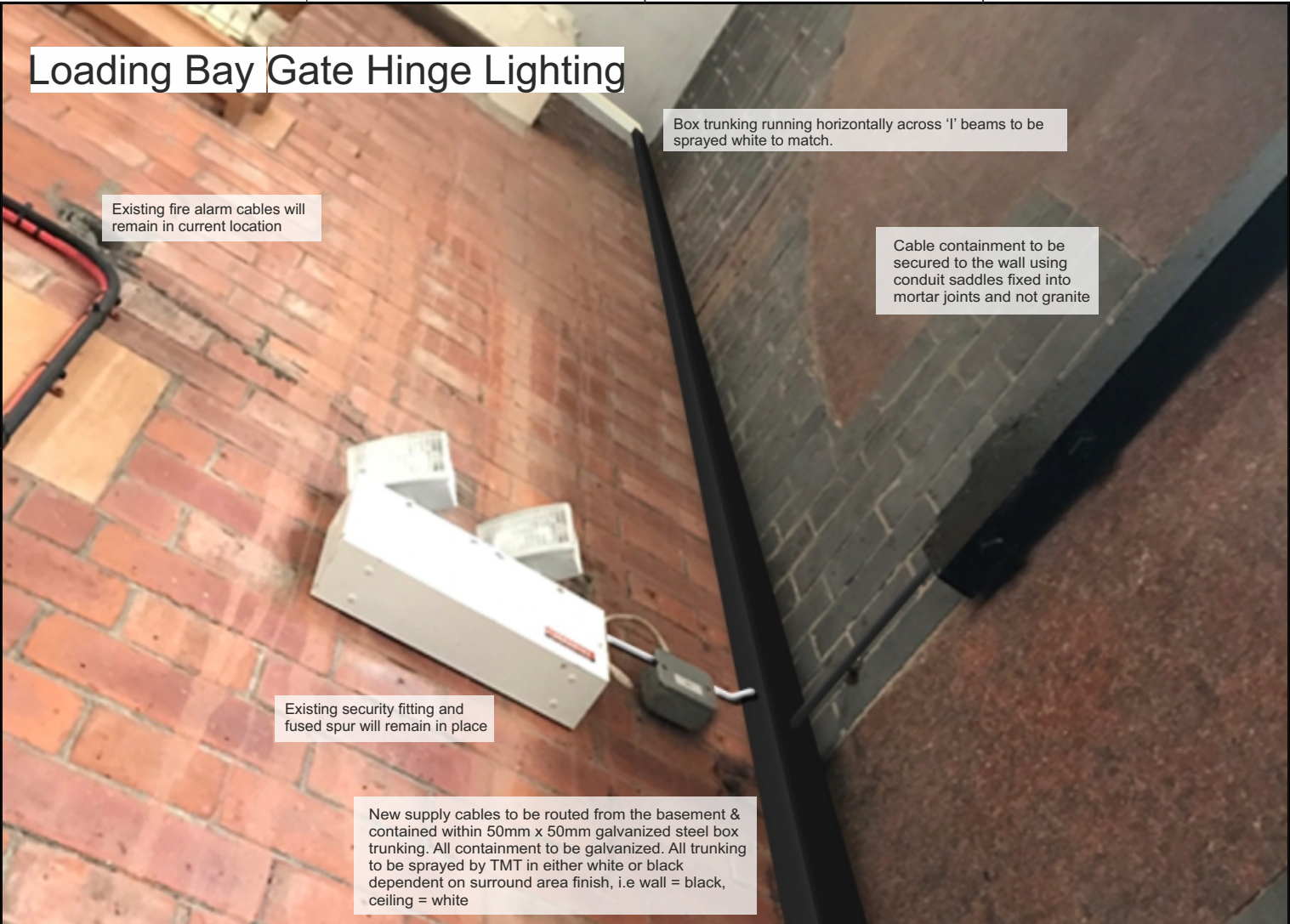
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Loading Bay Gate Hinge Lighting





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Loading Bay Gate Hinge Lighting

20mm conduit to run down brick wall into 'T' box to split into two directions. Conduit to run on top of gate hinge, blending in with the hinge itself. Conduit sits at a height above approx. 3m, therefore will not visually impact when viewed from below.

As can be seen from the image, the conduit is difficult to pick out due it being mounted over 3m, and above head height. For visual reference, the vehicle parked to the right of the image is approx. 1900mm high.



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Loading Bay Column Lighting

20mm conduit to run from box trunking to fittings via inside of 'I' beams mounted perpendicular to wall. Conduit concealed by 'I' beam returns

New supply cables to be routed from the basement & contained within 50mm x 50mm galvanized steel box trunking. All containment to be galvanized. All trunking to be sprayed by TMT in either white or black dependent on surround area finish, i.e wall = black, ceiling = white

Box trunking running horizontally across 'I' beams to be sprayed white by TMT to match

Existing fire alarm panels and all red cables will remain in current locations

Where practically possible all fixings will be put into mortar joints and not into brickwork, if the mortar is not suitable for fixings we may be required to fix into the brickwork to ensure a safe fixing. We estimate no more than 50 fixings will be used into mortar or brick"

20mm conduit to run from top of column down to the Iguzzini Trick fitting, fixed using conduit saddles into the mortar joints

Box trunking running horizontally across 'I' beams to be sprayed white by TMT to match

Existing CCTV and conduit to remain in current locations



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Underpass Entrance Lighting (Option 2 - Floodlighting)

25mm conduit for power/data cabling

Osram/Traxon Archishape 2.5 Washer floodlight fittings

New supply cables to be routed from the basement & contained within 50mm x 50mm galvanized steel box trunking. All containment to be galvanized. All trunking to be sprayed by TMT in either white or black dependent on surround area finish, i.e wall = black, ceiling = white

Where practically possible all fixings will be put into mortar joints and not into brickwork, if the mortar is not suitable for fixings we may be required to fix into the brickwork to ensure a safe fixing. We estimate no more than 50 fixings will be used into mortar or brick"

25mm conduit for power/data cabling

Osram/Traxon Propoint Wall Washer floodlight fittings

New supply cables to be routed from the basement & contained within 50mm x 50mm galvanized steel box trunking. All containment to be galvanized. All trunking to be sprayed by TMT in either white or black dependent on surround area finish, i.e wall = black, ceiling = white

Fire alarm / CCTV cables to remain in current locations



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Loading Bay Gate Hinge Concept Visuals





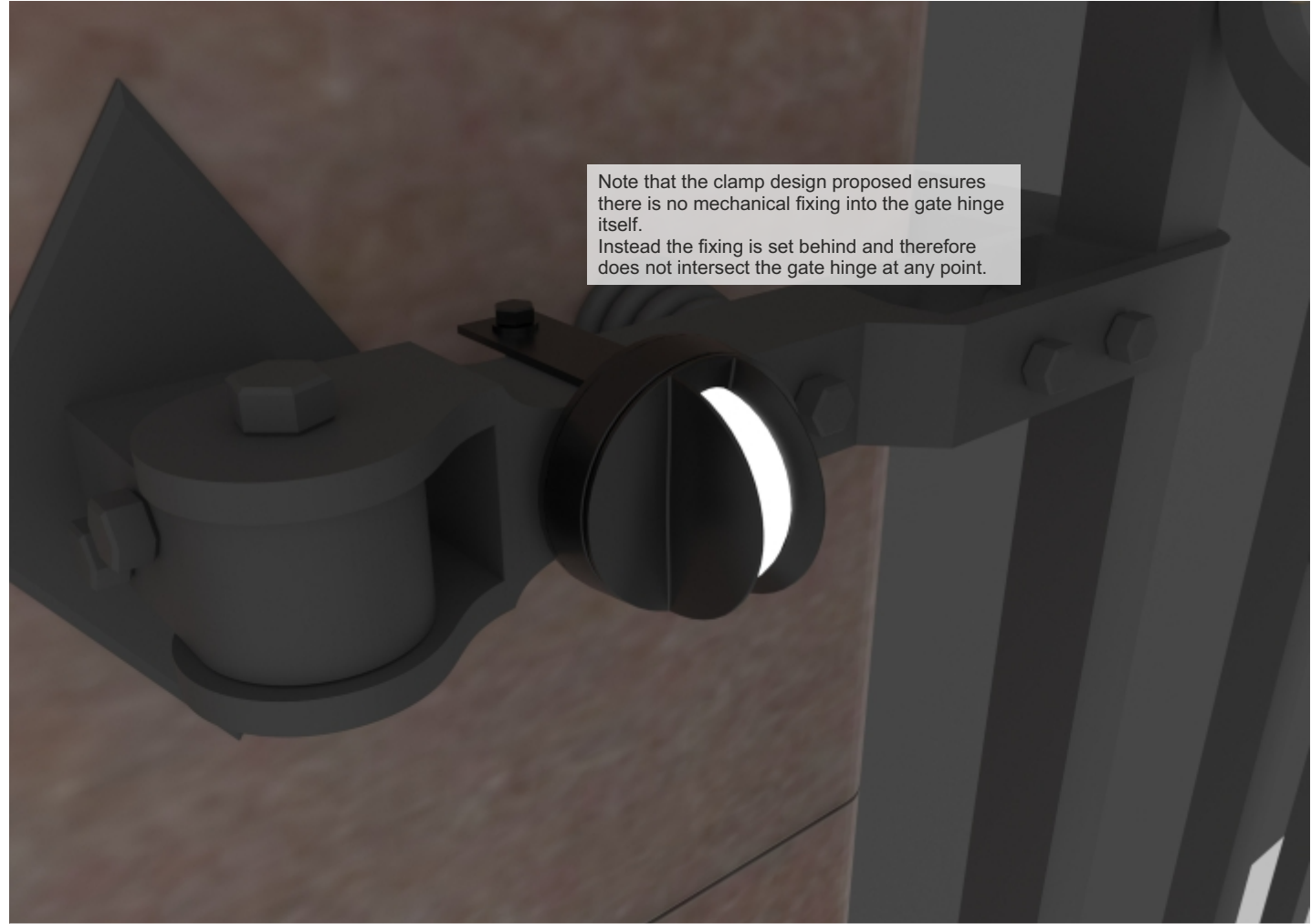
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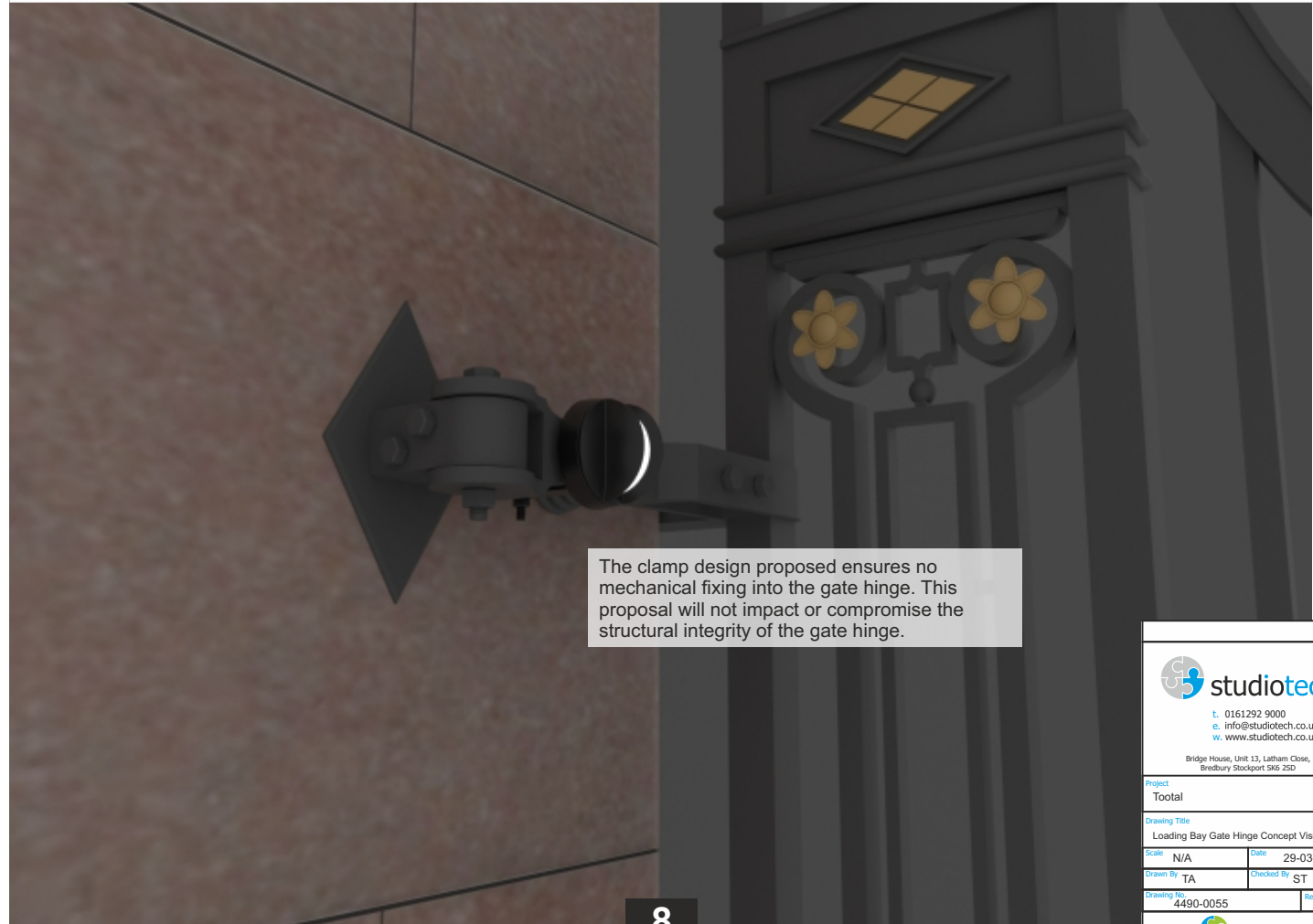
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Loading Bay Gate Hinge Concept Visuals



Note that the clamp design proposed ensures there is no mechanical fixing into the gate hinge itself. Instead the fixing is set behind and therefore does not intersect the gate hinge at any point.



The clamp design proposed ensures no mechanical fixing into the gate hinge. This proposal will not impact or compromise the structural integrity of the gate hinge.



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