

ORANGE DESIGN STUDIO.

THE RESIDENTIAL SPECIALISTS

PLANNING DESIGN PACK
NEWGATE GARAGE, MIRFIELD

WE DESIGN.

WE MANAGE.

WE BUILD.

ORANGE DESIGN STUDIO.

a taste of ORANGE.

Orange is a young, visionary and award winning architectural design studio. Which is based on the high street of Mirfield, in the heart of Yorkshire. The practice was formed in 2012.

Lead by designer, Jake Hinchliffe, The practice has built it's reputation on engaging with clients briefs and turning their thoughts into amazing, well crafted, homes and spaces.

They have built a commercial reputation amongst many professionals in the construction industry for delivering technically challenging projects, in some cases making the impossible, possible.

Orange have a real passion for working alongside likeminded clients on residential projects to create fantastic homes and spaces for people to reside and enjoy.

From their creative design studio, Orange has full capabilities for handling projects of different sizes, ranging from bespoke home extensions, bespoke residential commissions, and creative housing developments.

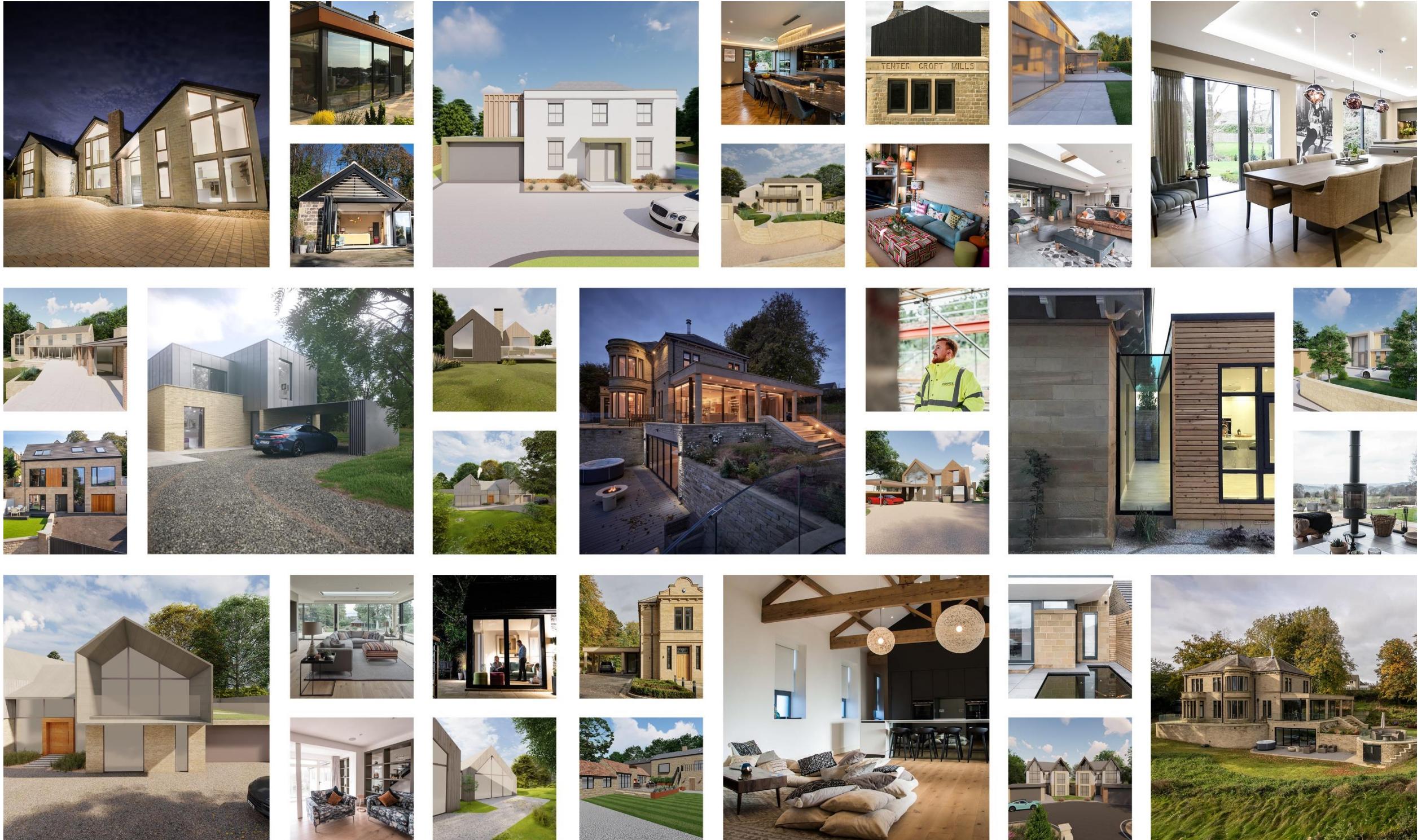
The studio environment has an open company culture with a focus on client service and teamwork.



ORANGE DESIGN STUDIO.

hello@orangedesignstudio.co.uk

01924 650930



ORANGE DESIGN STUDIO.

hello@orangedesignstudio.co.uk

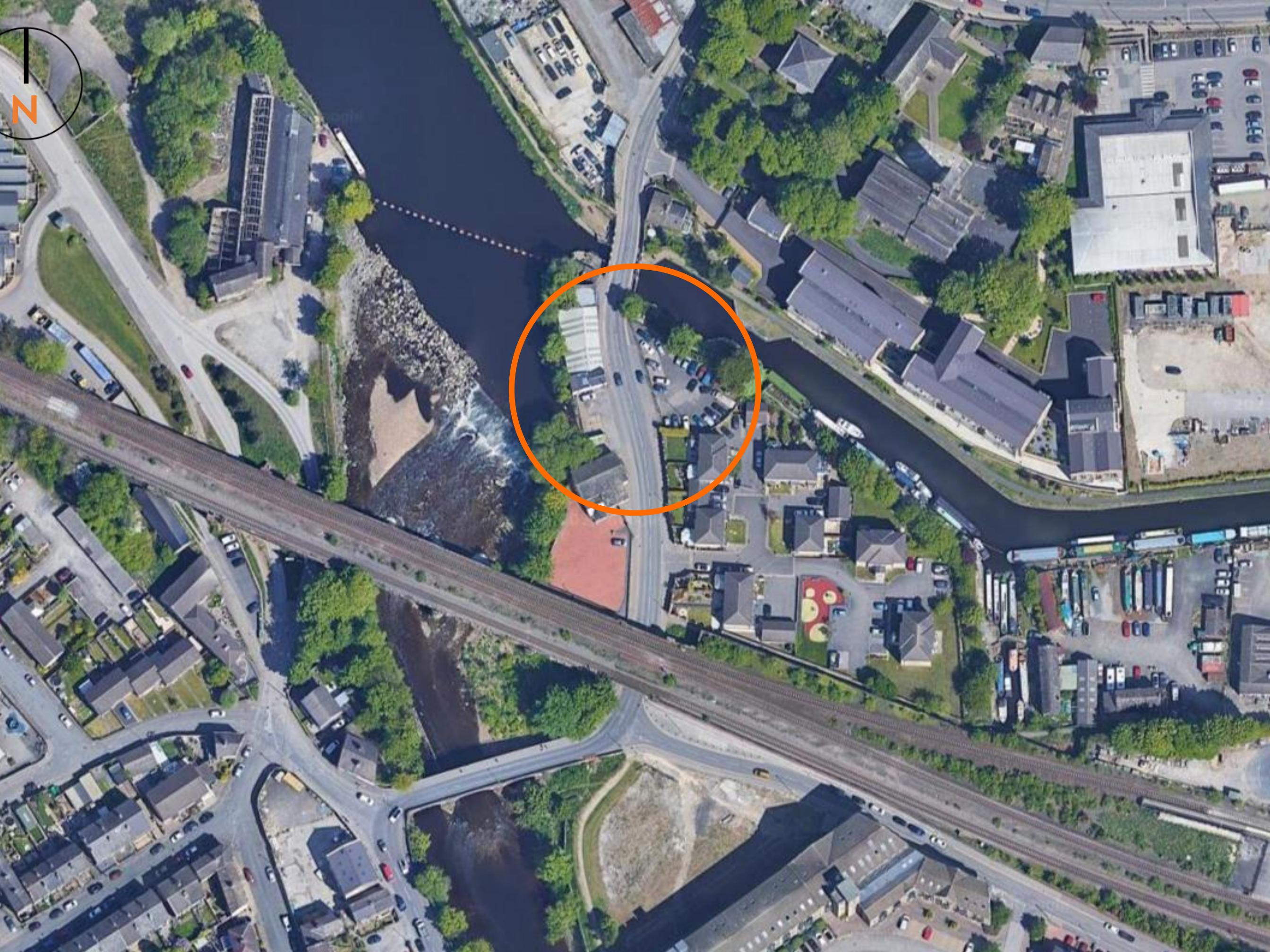
01924 650930

INTRODUCTION.

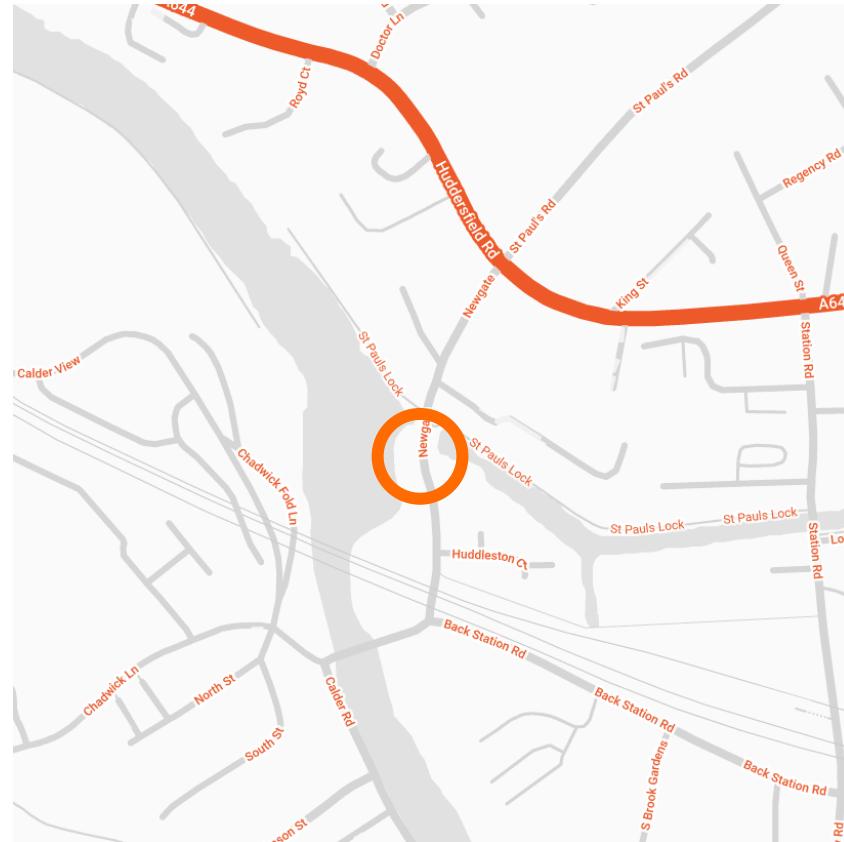


This design statement has been prepared for the proposed development of Newgate Garage in Mirfield, accessed via Newgate Road off Huddersfield Road, to develop the site for an extension, and separate outbuilding.

This statement has been prepared using a combination of site information, pre-application information and desktop research.



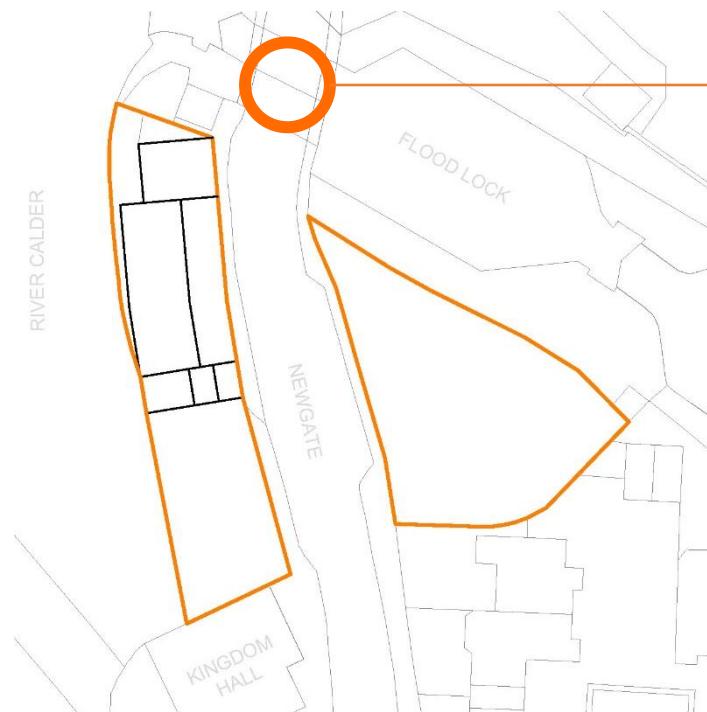
SITE CONTEXT.



NEWGATE GARAGE OCCUPIES LAND TO EITHER SIDE OF NEWGATE, MIRFIELD. THE WESTERN SECTION OF THE SITE CONSISTS OF GARAGE WORKSHOP SPACE. ACROSS THE ROAD TO THE EAST, THE LAND IS CURRENTLY BEING USED AS A CAR PARK FOR CUSTOMERS, AS WELL AS A SMALL OUTER BUILDING AND CONTAINER – THIS AREA IS FENCED WITH STEEL WELD-MESH. BOTH OF THE PLOTS ARE HARD LANDSCAPED.

SITE CONTEXT.

THE SITE ITSELF DOESN'T CONTAIN DESIGNATED/UNDESIGNATED HERITAGE ASSETS. THE GRADE II LISTED NEWGATE BRIDGE, HIGHLIGHTED ON THE MAP AND SEEN IN THE FIGURE BELOW, IS LOCATED NEARBY.



GRADE II LISTED NEWGATE BRIDGE.

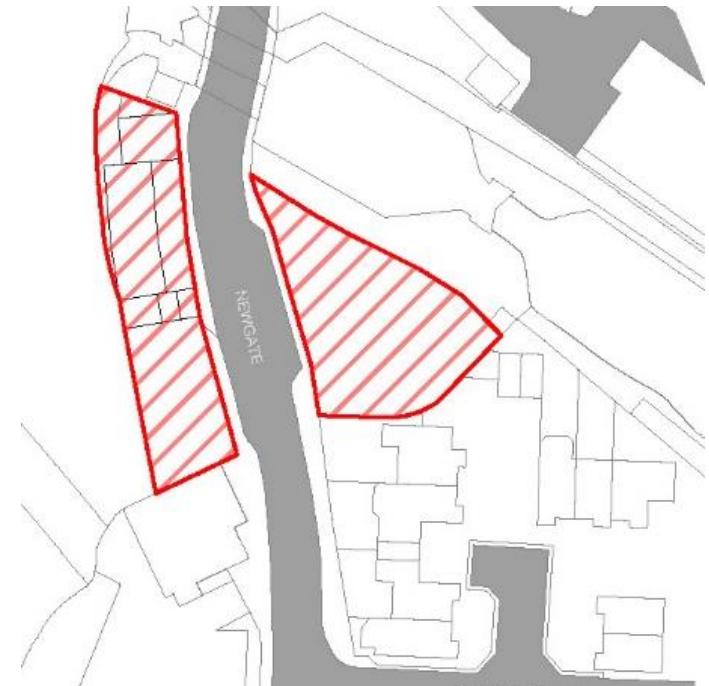
SITE CONTEXT.



RESIDENTIAL.



RIVER CALDER.



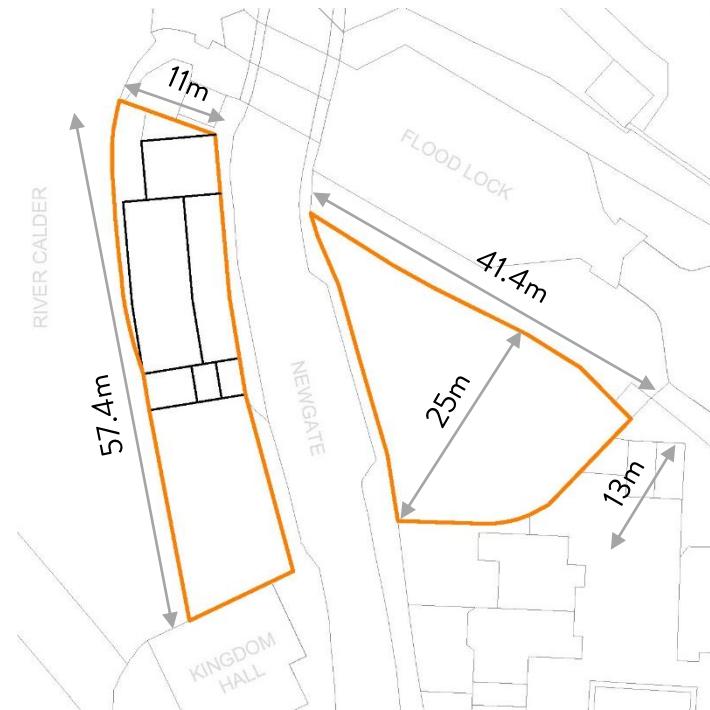
ROAD.

THE SITE IS LOCATED ON EITHER SIDE OF NEWGATE, DIRECTLY BESIDE THE RIVER CALDER, WITHIN WALKING DISTANCE OF MIRFIELD TOWN CENTRE.

REGARDING THE URBAN CONTEXT OF THE SURROUNDING SITE, THERE ARE RESIDENTIAL DEVELOPMENTS TO BOTH THE EAST AND SOUTH OF THE SITE.

IT SHOULD BE NOTED THAT NEWGATE GARAGE IS A HISTORIC BUSINESS IN MIRFIELD, AND HAS BEEN PART OF THE COMMUNITY, IN THIS LOCATION SINCE THE 1950'S.

SITE BOUNDARIES.



SITE DIMENSIONS.

ORANGE DESIGN STUDIO.

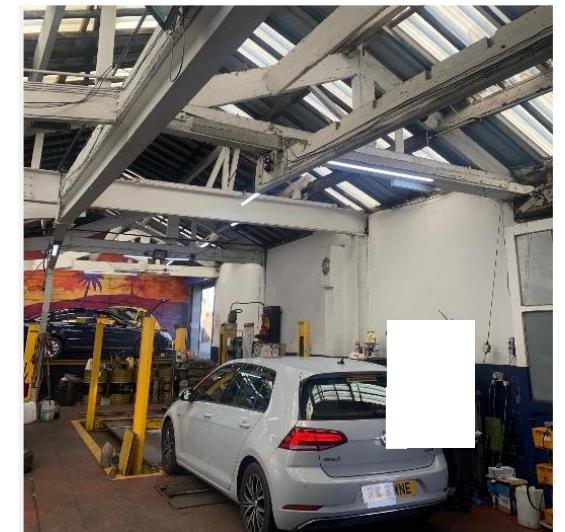
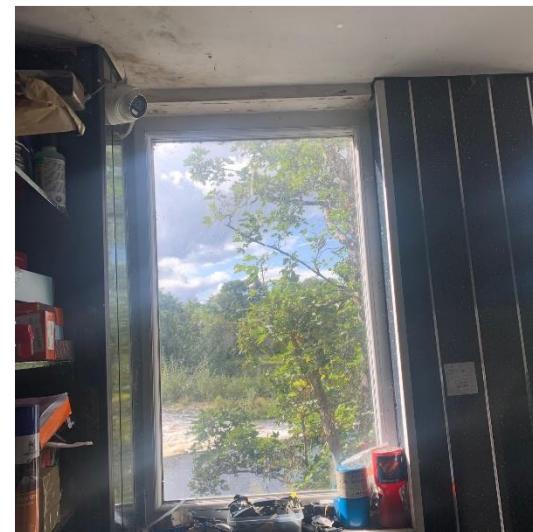
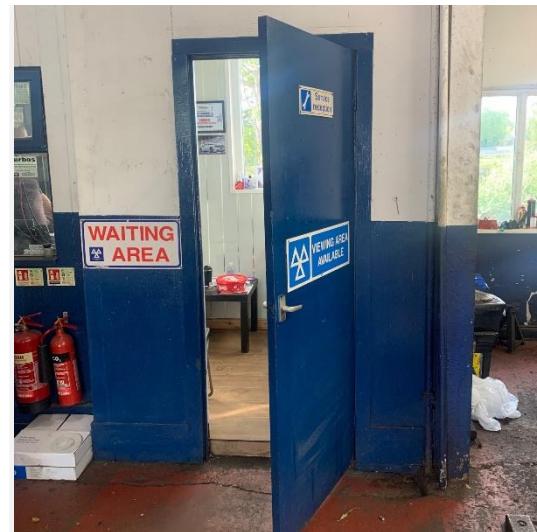
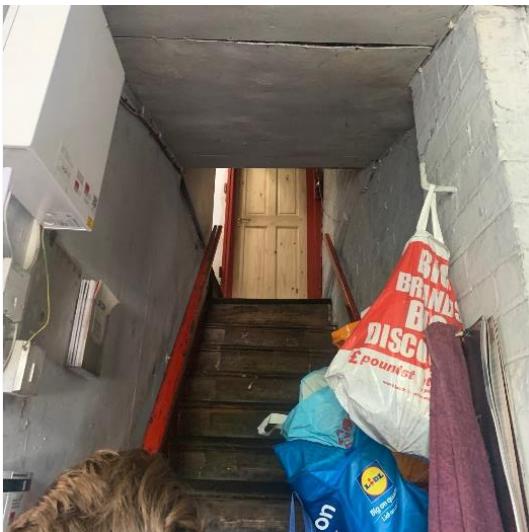
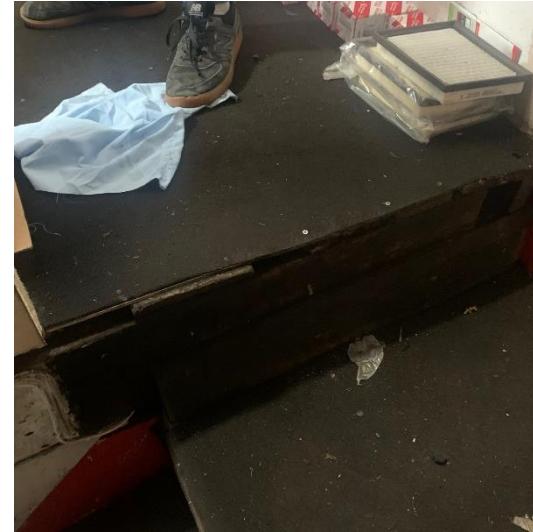
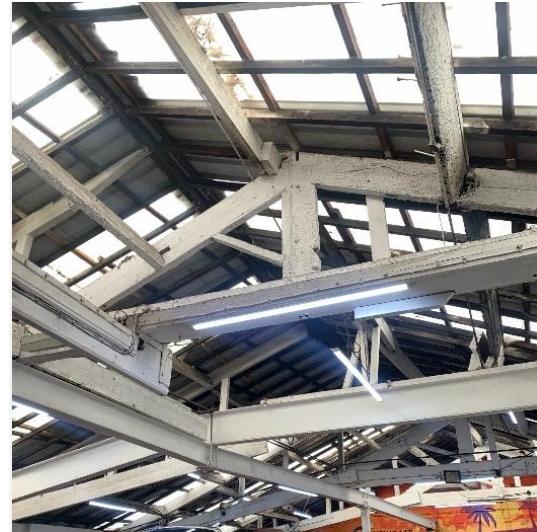
hello@orangedesignstudio.co.uk

01924 650930

EXISTING SITE PHOTOGRAPHS (EXTERNAL).



EXISTING SITE PHOTOGRAPHS (INTERNAL).



SURROUNDING LOCATIONS.



RIVER CALDER.



ST PAULS LOCK.



NEWGATE GARAGE.



CAR PARK.



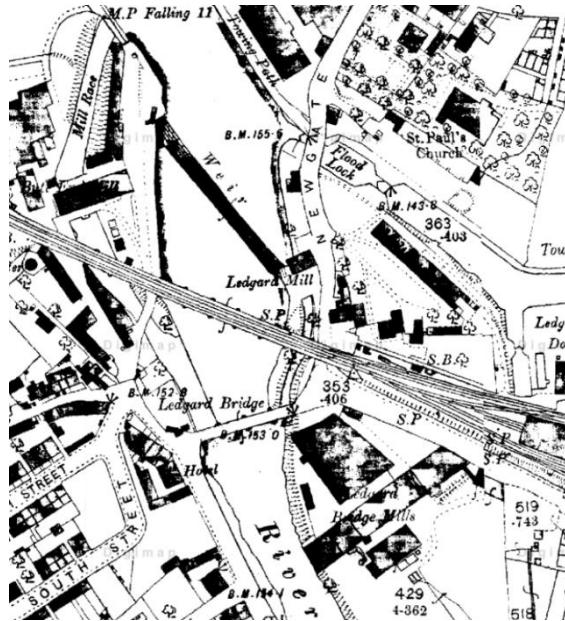
KINGDOM HALL.



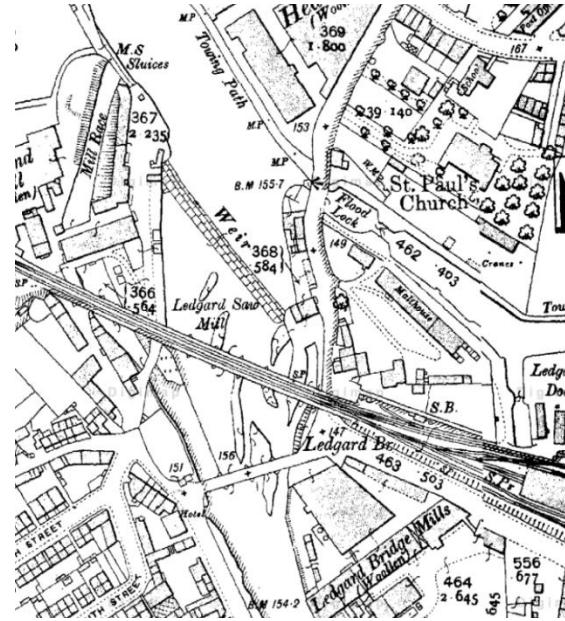
HUDDLESTON COURT.



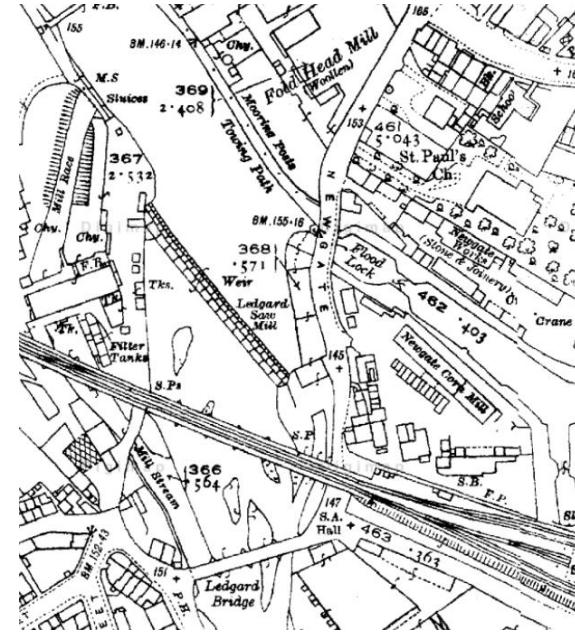
SITE HISTORY.



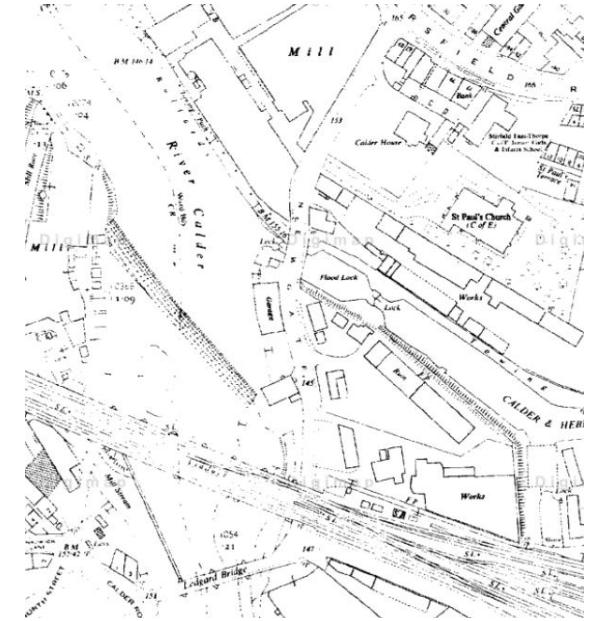
1890s.



1910s.



1930s.



1950s.

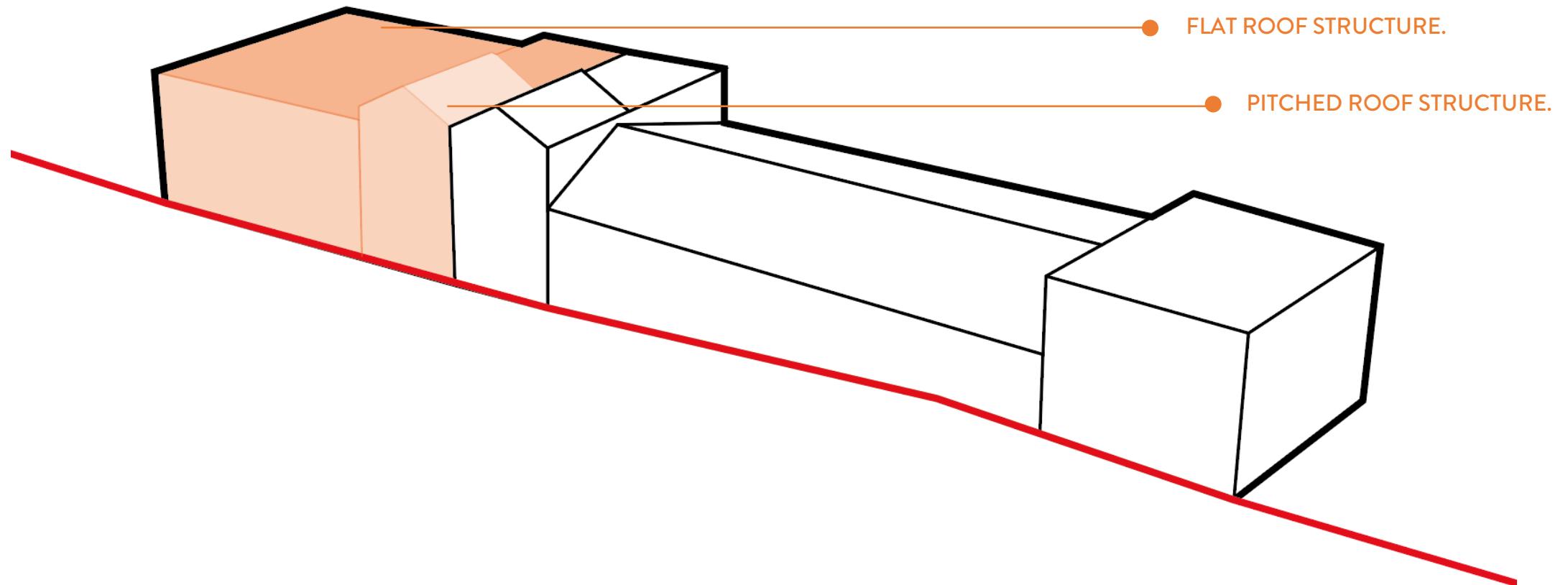
THE SITE AT NEWGATE, PRESUMED FIRST USE WAS 'LEDGARD SAW MILL'. DURING THIS TIME THERE WERE A NUMBER OF SMALL BUILDINGS WITHIN THE CURRENT HARDSTANDING LAND TO THE EAST OF NEWGATE. HISTORIC MAPS SUGGEST THE IMMEDIATE SITE HAS BEEN USED FOR INDUSTRIAL PURPOSES FOR MOST OF THE 20TH CENTURY. THE 'LEDGARD SAW MILL' WAS THEN CONVERTED INTO A GARAGE, AROUND THE 1950'S.

IT SHOULD BE NOTED THAT NEWGATE GARAGE IS A HISTORIC BUSINESS IN MIRFIELD, AND HAS BEEN PART OF THE COMMUNITY, IN THIS LOCATION SINCE THE 1950'S.

PROJECT BRIEF.

- GARAGE EXTENSION
- SIDE EXTENSION TO ACCOMMODATE 2 VAN RAMPS, AN ADDITIONAL CAR RAMP, NEW OFFICE AND WAITING ROOM FOR CUSTOMERS ON THE GROUND FLOOR FLOOR, WITH THE MEZZANINE FIRST FLOOR INCORPORATING STORAGE SPACE, TOILETS AND A BREAK ROOM.
- THIS EXTENSION WILL SERVE AS A VAN MOT AND SERVICE CENTRE, WORKING ON VEHICLES SUCH AS LARGE VANS AND SMALLER MOTORHOMES.
- ACROSS NEWGATE ROAD, AT THE CAR PARK, A SEPARATE OUTBUILDING, TO STORE CARS AND EQUIPMENT, AND TO ACT AS AN EMERFGENCY PROTECTED STORAGE SPACE WHEN THE RIVER CALDER DOES FLOOD.

ROOF MASSING 1.



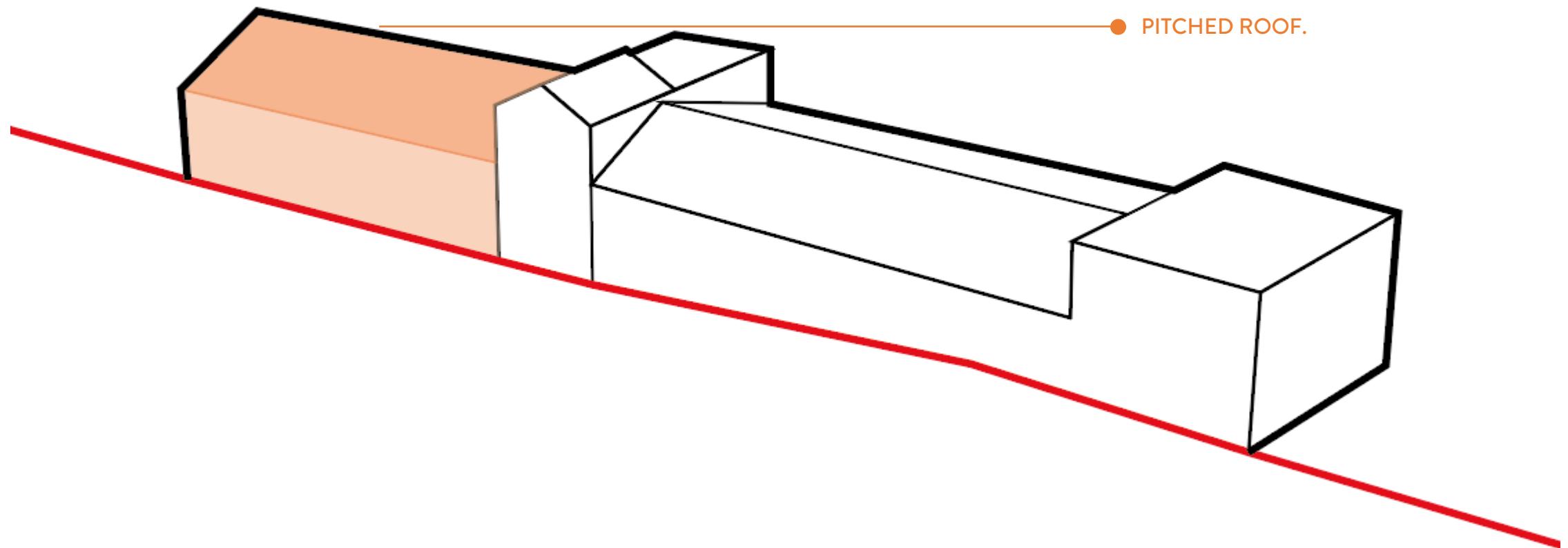
THIS MASSING DEVELOPMENT SHOWS A PITCHED ROOF, TO MATCH THE EXISTING PITCHED ROOF. A FLAT ROOF STRUCTURE IS ALSO USED TO MIRROR THE EXISTING FLAT ROOF TOWARDS THE NORTH END OF THE EXISTING BUILDING.

 PROPOSED MASS.

 EXISTING MASS.

 GROUND LEVEL.

ROOF MASSING 2.



THIS MASSING DEVELOPMENT SHOWS THE SIDE EXTENSION TO BE A PITCHED ROOF STRUCTURE, WITH A GABLE-END. THIS IS TO MATCH THE EXISTING ROOF WHICH FORMS THE MAIN CENTRAL BODY OF THE EXISTING GARAGE.



PROPOSED MASS.

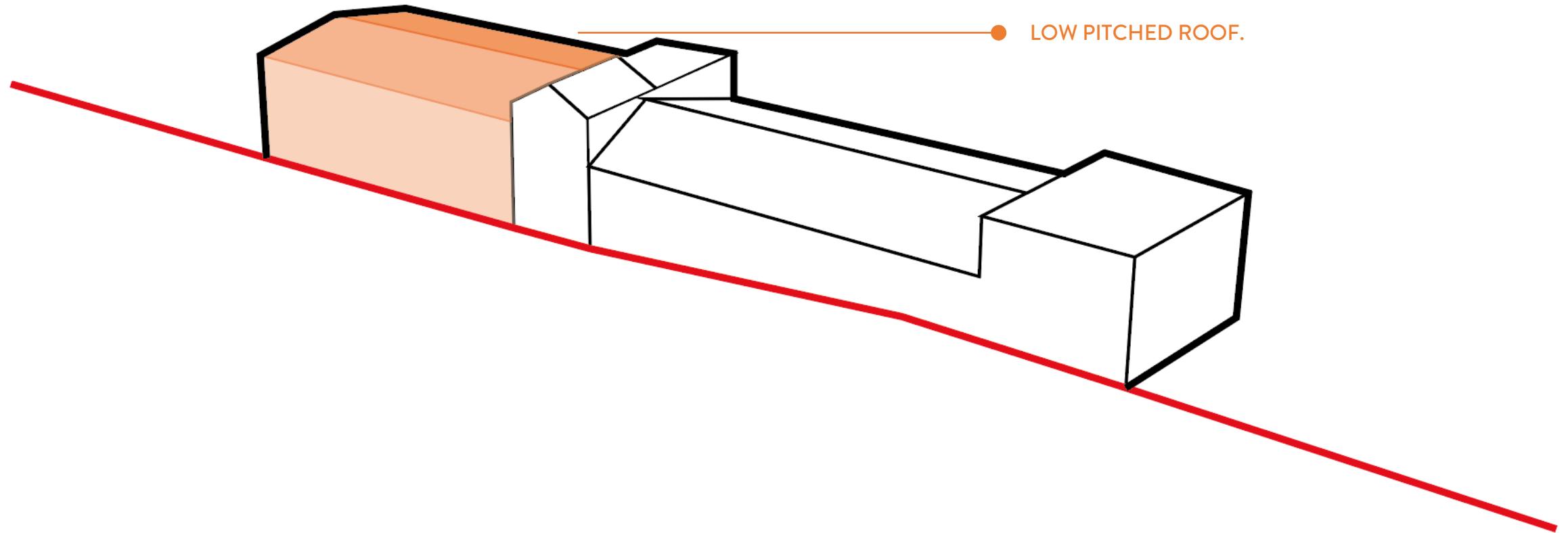


EXISTING MASS.



GROUND LEVEL.

ROOF MASSING 3 – FINAL SCHEME.



THIS MASSING DEVELOPMENT SHOWS A LOW PITCHED ROOF. THE PITCH WILL APPROXIMATELY BE 10 DEGREES. THIS IS TO ALLOW FOR MORE INTERNAL HEIGHT IN THE EXTENSION, WHEN THE VANS ARE ON THE RAMPS. A STEEL PORTAL FRAME WOULD BE USED WITH THIS ROOF.



PROPOSED MASS.

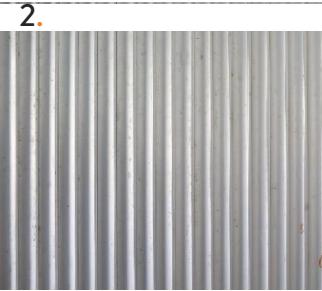


EXISTING MASS.



GROUND LEVEL.

EXISTING MATERIALITY.



- 1. GRP ROOF.
- 2. CORRUGATED METAL FAÇADE.
- 3. CORRUGATED METAL ROOF WITH SKYLIGHT.
- 4. CONCRETE TILE ROOF.



PROPOSED MATERIALITY.

THE PROPOSED MATERIALS MATCH THE EXISTING GARAGE, SO THAT PROPOSAL DOES NOT APPEAR OUT OF PLACE IN THE STREET SCENE.

1/2.



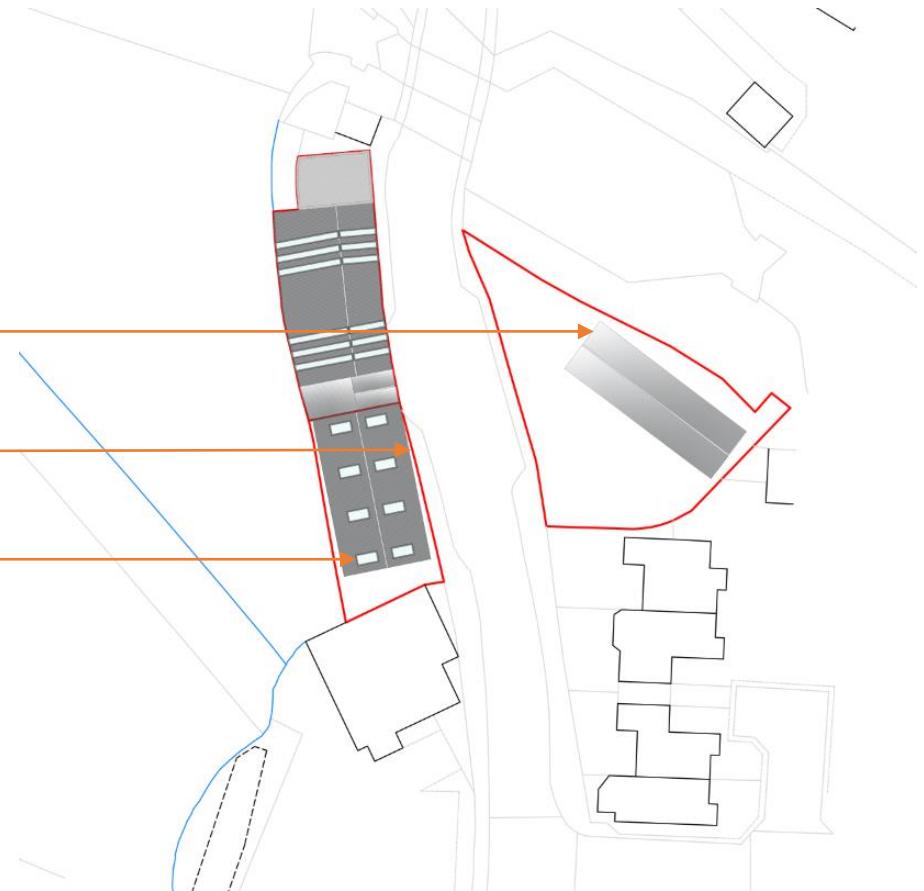
3.



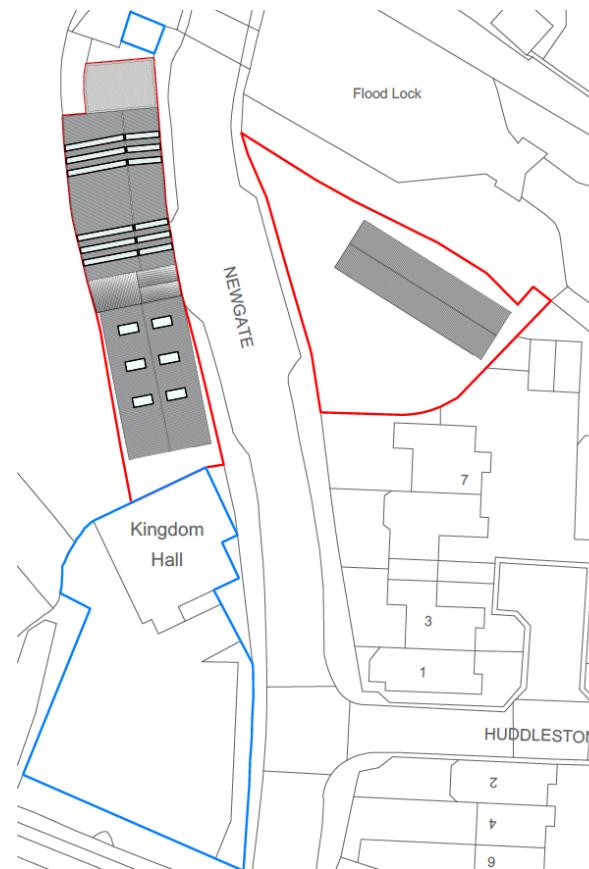
1. CORRUGATED METAL

2. CORRUGATED METAL FAÇADE.

3. CORRUGATED METAL ROOF WITH SKYLIGHT.



PROPOSAL.



NEW WORKS TO NEWGATE GARAGE, INCLUDE:

- DOUBLE STOREY SIDE EXTENSION, APPROXIMATELY 18M IN WIDTH AND 10M IN DEPTH.
- A 6.7M X 20.7M STORAGE UNIT WITHIN THE EXISTING CAR PARK, ACROSS THE ROAD FROM THE MAIN GARAGE BUILDING. THE UNIT WOULD SIT PARALLEL TO THE RIVER CALDER AGAINST THE EAST BOUNDARY OF THE SITE.
- THE PROPOSED WORKS SEEK TO INCREASE WORK AND STORAGE SPACE WHILST REMAINING RESPECTFUL OF THE SURROUNDING SITE AND MATERIALITY.

LUTON VAN DIMENSIONS.

FRONT ELEVATION.



2.2 METERS

SIDE ELEVATION.

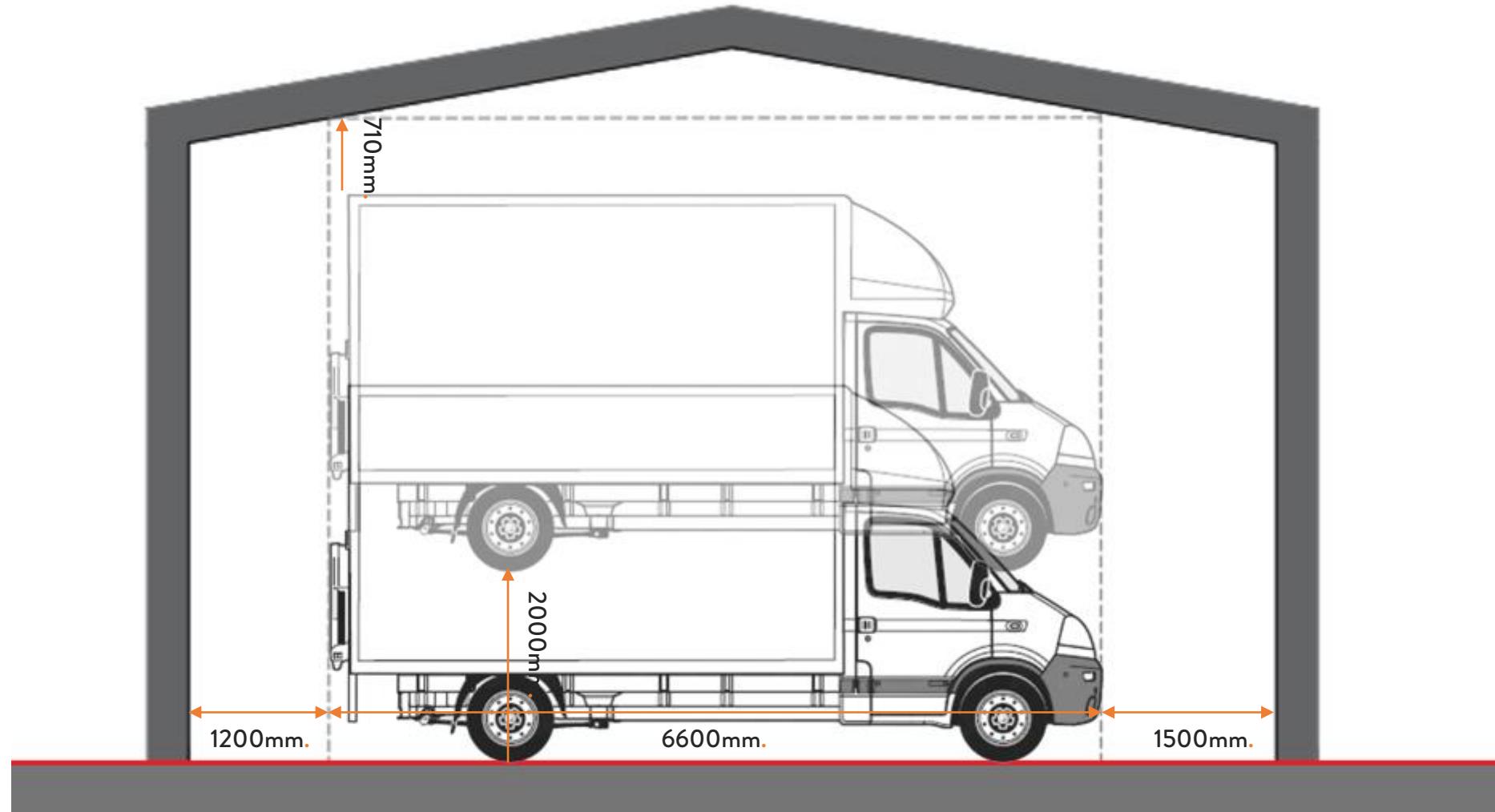


6.6 METERS

3.2 METERS

LUTON VAN DIMENSIONS.

CROSS SECTION - NOT TO SCALE



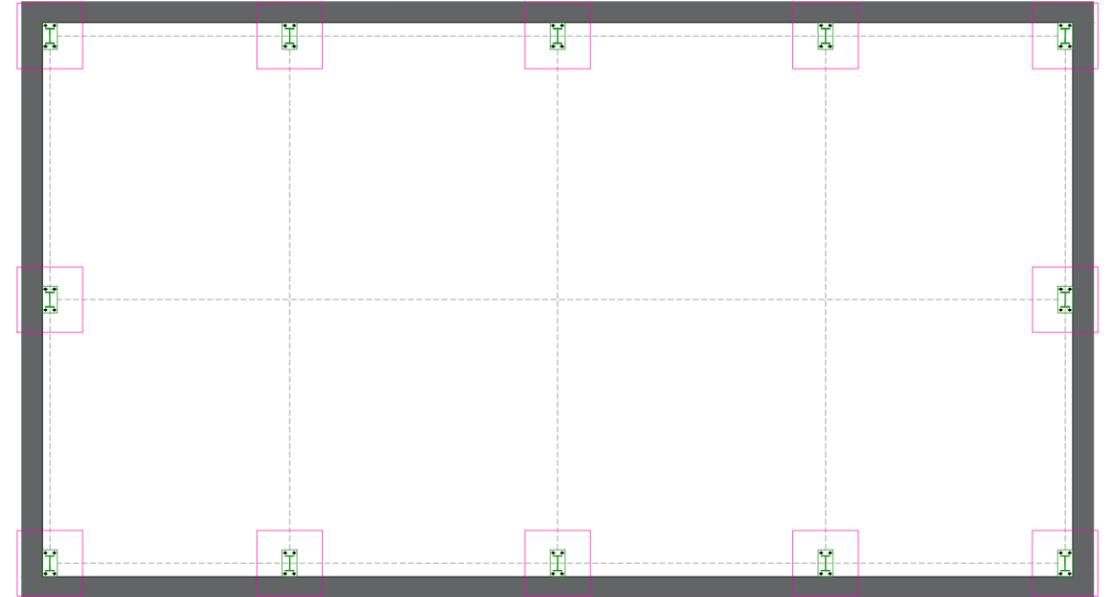
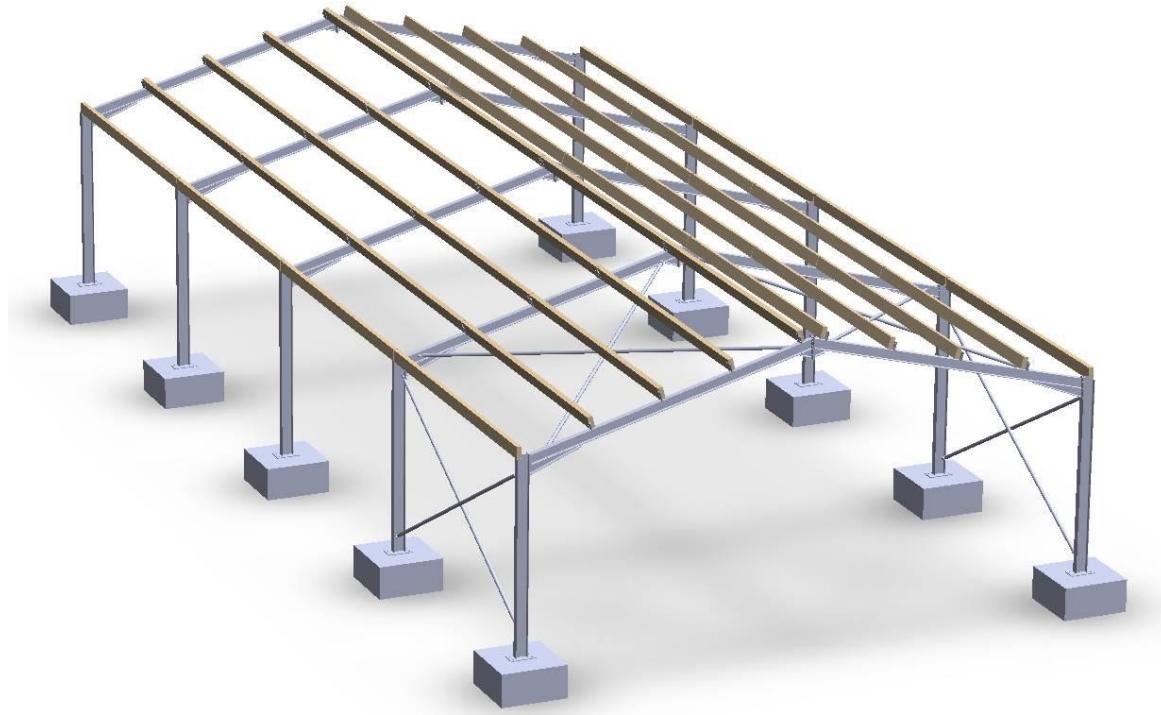
THIS CROSS SECTION DEMONSTRATES HOW THE VAN SERVICING WILL OPERATE WHEN LIFTED WITH A TWO POSTER LIFT. THE VAN WILL BE APPROXIMATELY LIFTED 2 METERS IN HEIGHT FROM GROUND FLOOR LEVEL. WITH THE STEEL PORTAL FRAME AND LOW PITCHED ROOF (APPROXIMATELY 10 DEGREES), THERE IS STILL APPROXIMATELY 710MM TO THE INTERNAL ROOF HEIGHT.

ORANGE DESIGN STUDIO.

hello@orangedesignstudio.co.uk

01924 650930

STEEL PORTAL FRAME.



A STEEL PORTAL FRAME WILL BE USED AS THE MAIN STRUCTURE OF THE SIDE EXTENSION. THIS CONSISTS OF EQUALLY SPACED COLUMNS, TO ALLOW FOR MORE INTERNAL HEIGHT, WHICH WILL MAKE THE PLACEMENT OF CAR AND VAN RAMPS MUCH EASIER. HOWEVER, THE PORTAL FRAME RESTRICTS THE LOCATION OF OPENINGS, AS THEY NEED TO BE PLACED IN BETWEEN THE COLUMNS THAT FORM THE FRAME.

ORANGE DESIGN STUDIO.

THE RESIDENTIAL SPECIALISTS

ARCHITECTURAL PRACTICE

hello@orangedesignstudio.co.uk

01924 650930