

Flood Risk Assessment and Surface and Foul Water Drainage Strategy for Planning

May 2026

Prepared for:

Brighton & Hove Properties Ltd

Location:

Former Methodist Church Hall

42 Cuckfield Road

Hurstpierpoint

Hassocks

West Sussex

BN6 9SA

Our reference:

97289-HampsonArch-CuckfieldRd



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1. Key Facts

Flood Risk Posed:

- The site is located within Flood Zone 1 (Low Probability), which means it is defined as land having a less than 1:1000 annual probability of river or sea flooding. The nearest watercourse is a drain, located approximately 155m north of the site.
- No Flood Storage Areas located in close proximity to the site.
- The EA Risk of Flooding from Surface Water Map suggests that the site is located within an area at "Very Low" to "Medium" chance of flooding from surface water for the present day and "Very Low" to "High" chance between 2040 and 2060.
- The EA and 2024 Mid Sussex District Council SFRA hold no records of historical flooding at the site or the surrounding area.

Flood Risk Mitigation:

- The existing site is classified as "less vulnerable" (assembly and leisure). Post development, the site will be classified as "more vulnerable", as the application is for the change of use to 6 flats within the existing building.
- No basement accommodation is proposed.
- The applicant has agreed to implement flood resistant design measures into the development where practical and feasible, in consultation with the Local Authority building control department.
- It is recommended that flood proof doors and windows are installed for all ground floor external doors and windows.
- There will be no loss of fluvial floodplain storage.
- The applicant will register with the National Severe Weather Warning Service.

Surface Water Drainage:

- The existing site is believed to discharge its surface water to soakaway.
- There is to be no increase in roof area of the main building, or increase in impermeable ground surfacing post-development.
- In light of this, the SuDS strategy has been based on providing betterment on the existing situation through the inclusion of green roofs and water butts.
- The site's existing surface water drainage arrangements will continue to be utilised.

Foul Water Drainage:

- The existing site is understood to discharge its foul water to sewer.
- Post development, the site will continue to utilise its existing foul drainage arrangements.
- A capacity check will be submitted to Southern Water to confirm that capacity exists within the sewer network for the proposed flows.

This drainage strategy has been undertaken in accordance with the principles set out in NPPF. We can conclude that providing the development adheres to the conditions advised above, the said development proposals can be accommodated without increasing flood risk within the locality in accordance with objectives set by Central Government and the EA. Assuming accordance with these flood risk management measures, Unda Consulting Limited consider the proposed application to be suitable in flood risk terms.

2. Introduction

- 2.1. This Flood Risk Assessment and Surface and Foul Water Drainage Strategy has been prepared by Unda Consulting Limited on behalf of Brighton & Hove Properties Ltd, in support of a planning application for the change of use to 6 flats within the existing building. The proposed development is being undertaken at Former Methodist Church Hall, 42 Cuckfield Road, Hurstpierpoint, Hassocks, West Sussex, BN6 9SA. This report assesses the flood risk and sets out the surface and foul water drainage strategy for the proposed development.
- 2.2. In order to mitigate flood risk posed by post development runoff, adequate control measures will be required within the site. This will ensure that surface water runoff is dealt with at source and the flood risk off site is not increased.



Figure 1: Aerial view of the site and surrounding area (Source: Google Earth)

3. Existing Site

- 3.1. The site is currently occupied by a Methodist church hall.
- 3.2. The surrounding area is characterised by residential dwellings.
- 3.3. Existing plans are provided in the report Appendix.



Figure 2: Site location plan (Source: Hampson)

Site Topography:

- 3.4. A topographic survey shows ground topography on site ranges between 37.69mAOD to 38.79mAOD. Refer to existing site plan in Appendix.

Existing Ground Conditions:

- 3.5. The 1:50,000 BGS map shows that the bedrock underlying the site is Weald Clay Formation – Mudstone.
- 3.6. The BGS hold no records of superficial deposits underlying the site.

- 3.7. The soil type taken from the UKSO Soil Map Viewer shows the site to be located upon relatively deep soils of Claystone/Mudstone parent material with a soil texture of clay to clayey loam.
- 3.8. The published Environment Agency Groundwater Source Protection Zone map shows the site is not located within a Groundwater Source Protection Zone.

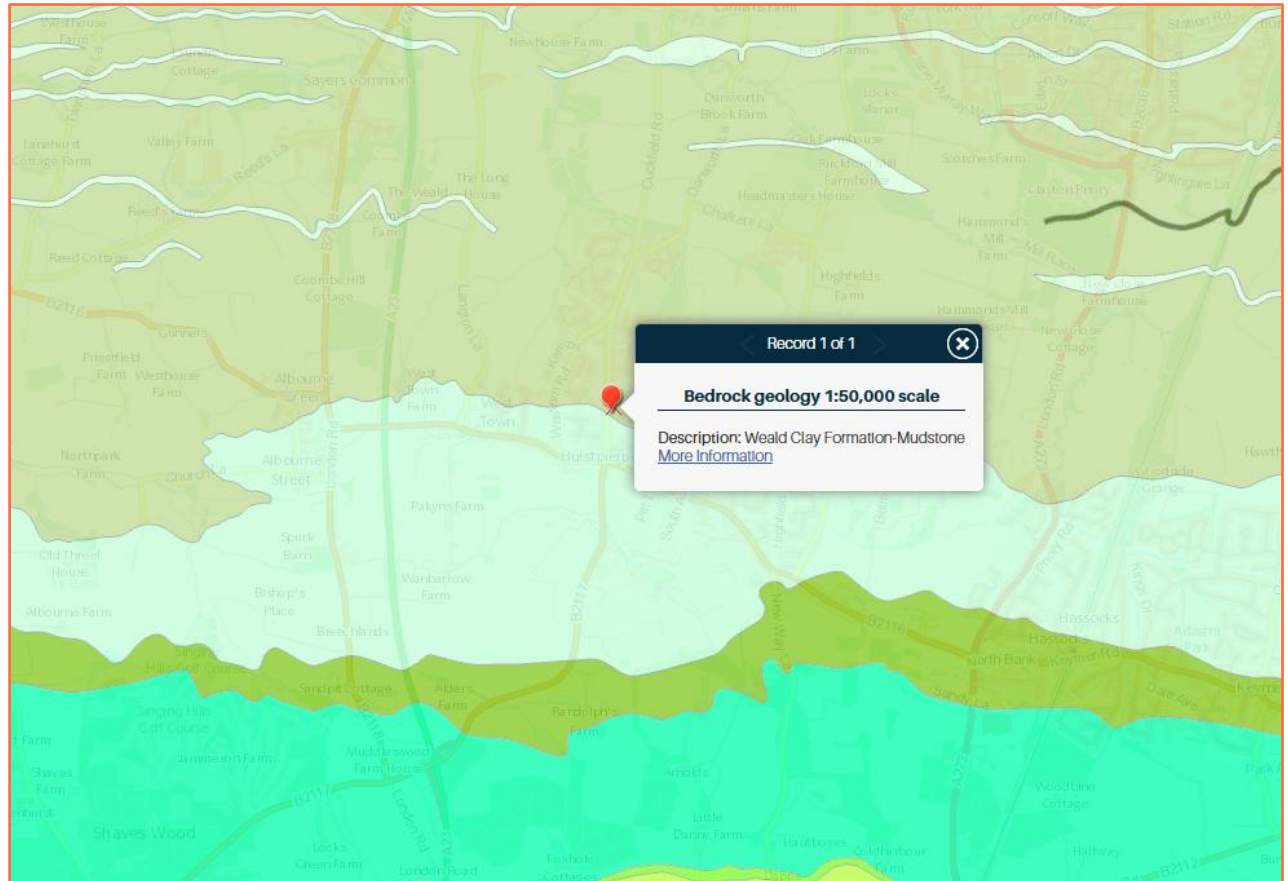


Figure 3: BGS Bedrock Geology (Source: BGS)

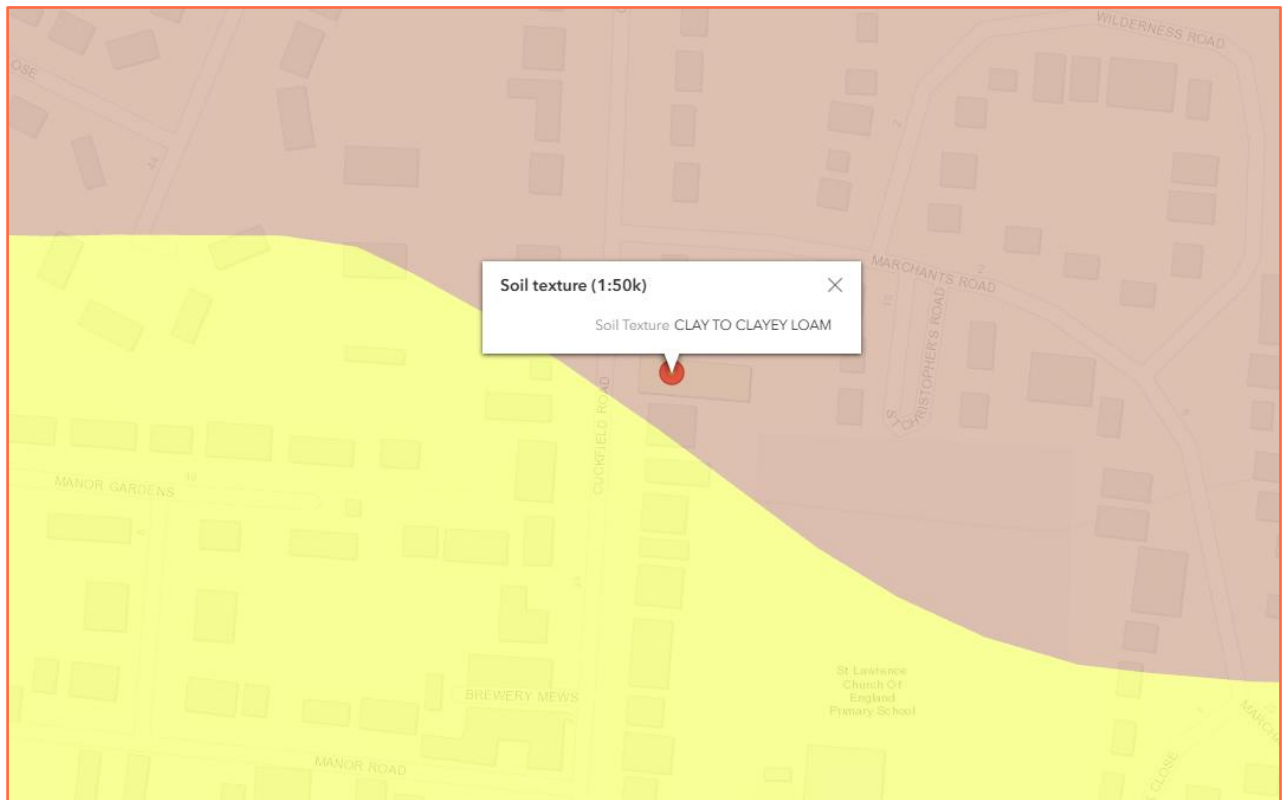


Figure 4: Soil map (Source: UK Soils, BGS)

Nearby Watercourses / Drainage Features:

- 3.9. The nearest watercourse is a drain, located approximately 155m north of the site.

4. Development Proposal

- 4.1. The proposed planning application is for the change of use to 6 flats within the existing building.
- 4.2. It should be noted that there is to be no increase in roof area of the main building, or increase in impermeable ground surfacing post-development.
- 4.3. In light of this, the SuDS strategy has been based on providing betterment on the existing situation.
- 4.4. Proposed plans are provided in the report Appendix.

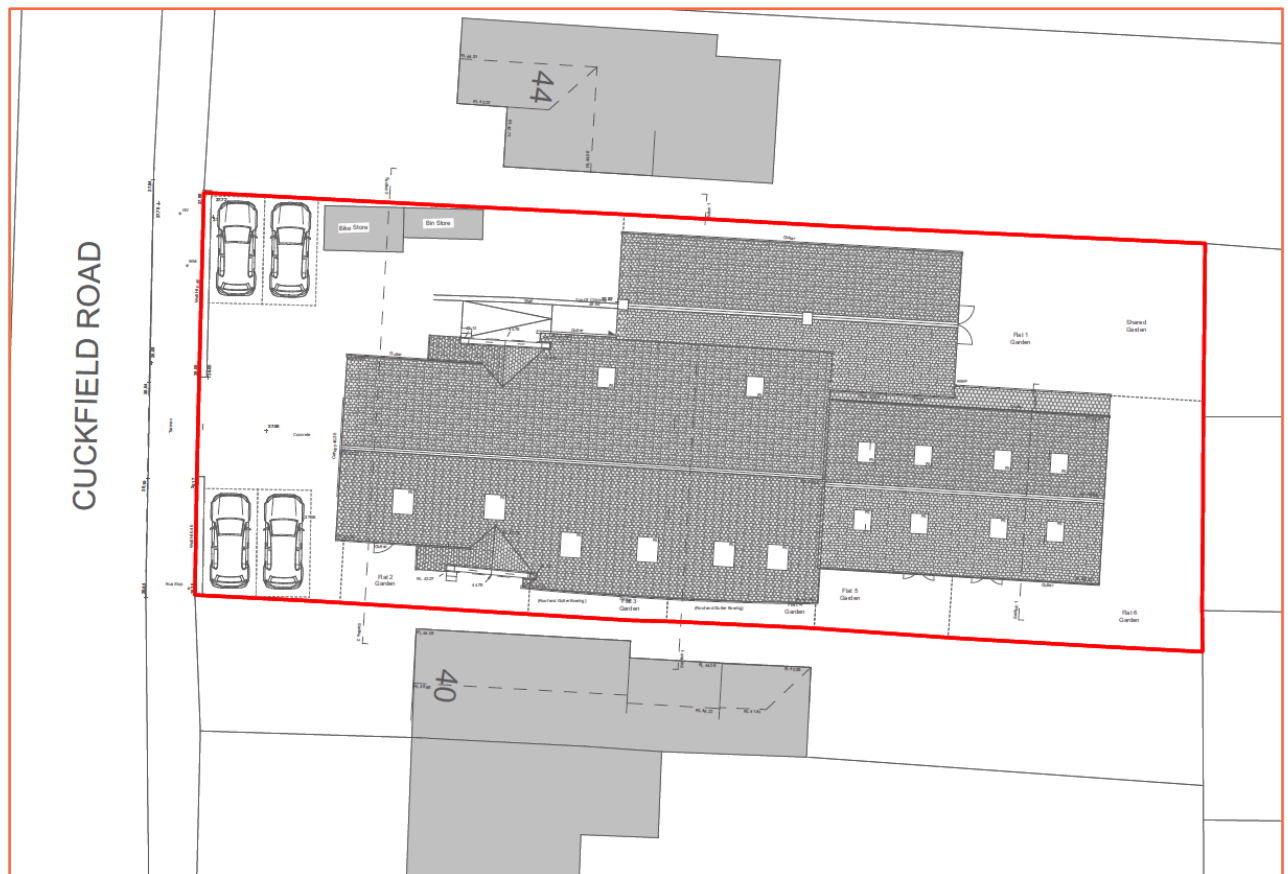


Figure 5: Proposed site plan (Source: Hampson)

5. Flood Risk Assessment

EA Flood Zones:

- 5.1. Within planning, Flood Zones refer to the probability of river and sea flooding, ignoring the presence of defences. They are shown on the Environment Agency's Flood Map for Planning (Rivers and Sea), available on the Environment Agency's website.

Flood Zone	Definition
Zone 1 Low Probability	Land having a less than 0.1% annual probability of river or sea flooding. (Shown as 'clear' on the Flood Map for Planning – all land outside Zones 2, 3a and 3b)
Zone 2 Medium Probability	Land having between a 1% and 0.1% annual probability of river flooding; or land having between a 0.5% and 0.1% annual probability of sea flooding. (Land shown in light blue on the Flood Map)
Zone 3a High Probability	Land having a 1% or greater annual probability of river flooding; or Land having a 0.5% or greater annual probability of sea flooding. (Land shown in dark blue on the Flood Map)
Zone 3b The Functional Floodplain	This zone comprises land where water from rivers or the sea has to flow or be stored in times of flood. The identification of functional floodplain should take account of local circumstances and not be defined solely on rigid probability parameters. Functional floodplain will normally comprise: - land having a 3.3% or greater annual probability of flooding, with any existing flood risk management infrastructure operating effectively; or - land that is designed to flood (such as a flood attenuation scheme), even if it would only flood in more extreme events (such as 0.1% annual probability of flooding). Local planning authorities should identify in their Strategic Flood Risk Assessments areas of functional floodplain and its boundaries accordingly, in agreement with the Environment Agency. (Not separately distinguished from Zone 3a on the Flood Map)

Table 1: Environment Agency Flood Map for Planning (Rivers and Sea) (Source: EA)

- 5.2. The Flood Zones are created using local flood model outputs, recorded flood outlines and national flood model information. These are combined to generate extents of land at flood risk, with the aim of using the best available flood risk information in any one location. The Flood Zones shown on the Environment Agency's Flood Map for Planning (Rivers and Sea) do not take account of the possible impacts of climate change and consequent changes in the future probability of flooding.

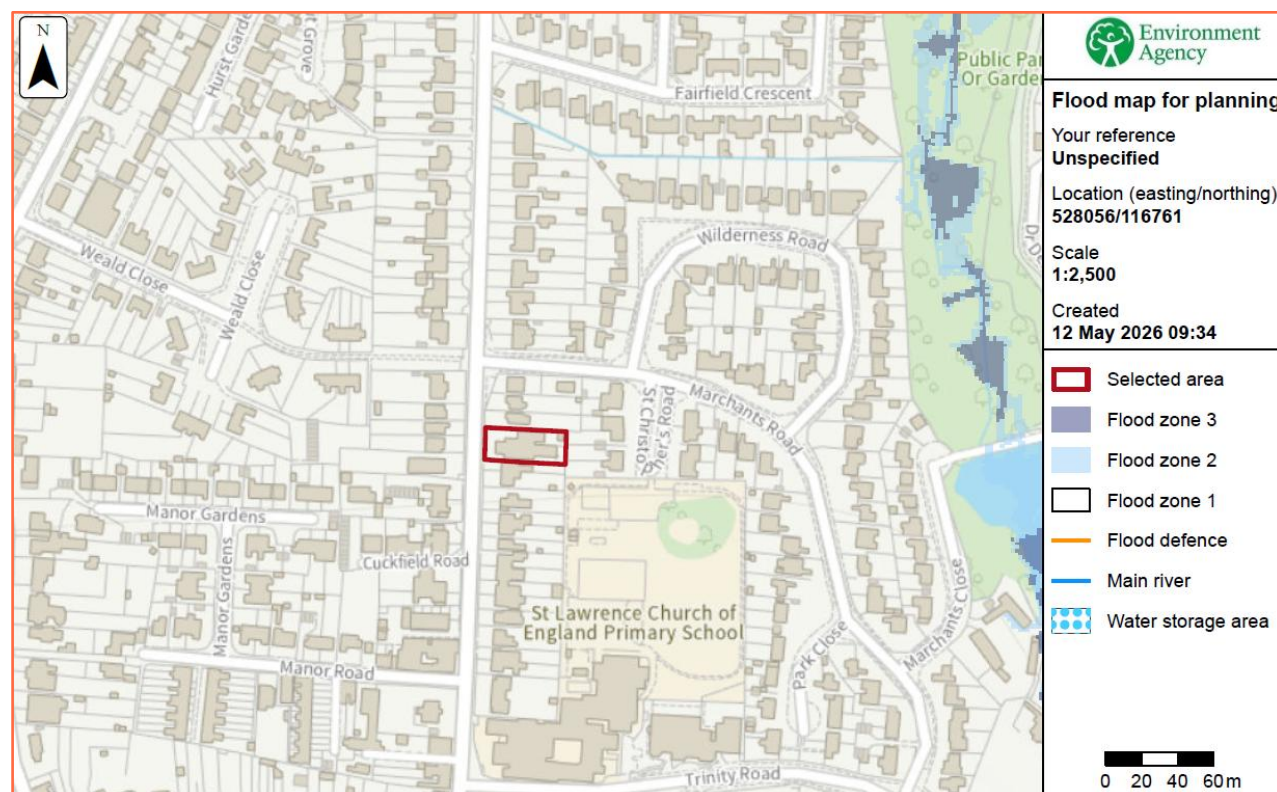


Figure 6: Environment Agency Flood Map for Planning (Rivers and Sea) (Source: EA)

- 5.3. The site is located within Flood Zone 1 (Low Probability), which means it is defined as land having a less than 1:1000 annual probability of river or sea flooding.

EA Flood Zones plus Climate Change:

- 5.4. The Flood Zones plus climate change dataset shows how the combined extent of Flood Zones 2 and 3 could increase with climate change over the next century, ignoring the benefits of any existing flood defences. The EA have assumed no changes to flood defences or land-use that could occur in future. The effects of climate change on flood risk which may be seen in the future could be different to those currently considered.
- 5.5. The climate change allowances are based on the latest UK Climate Projections (UKCP18) from the Met Office, using the Representative Concentration Pathway (RCP) 8.5.
- 5.6. The datasets shown on Flood Map for Planning are aimed at supporting planners and developers to make long-term decisions about the location and design of development and the use of land. Such decisions need to account for the full anticipated lifetime of the development being planned.
- 5.7. The EA have therefore chosen:
- The 'Central' allowance for the 2080s epoch (2070-2125) for risk of flooding from rivers
 - The 'Upper End' allowance for risk of flooding from the sea, accounting for cumulative sea level rise to 2125
- 5.8. The Flood Zones plus climate change dataset is created using local flood model outputs, recorded flood outlines and national flood model information, and by adding climate change scenarios from local and national modelling, using the maximum extents from:
- Rivers and sea with defences 3.3%, 1%/0.5% and 0.1% AEPs
 - Rivers and sea without defences 1%/0.5% and 0.1% AEPs
- 5.9. The extents are merged to create a single outline.
- 5.10. The site is shown to be outside the EA Flood Zones plus climate change (2070 to 2125) extent.



Figure 7: Environment Agency Flood Map for Planning – Flood Zones with Climate Change (Source: EA)

Alternative Flood Zones:

- 5.11. Within their Strategic Flood Risk Assessment (SFRA), Mid Sussex District Council differentiates Flood Zone 3a from Flood Zone 3b, the functional floodplain. Flood Zone 3b comprises land where water is required to flow or be stored in times of flood. The functional floodplain designation encompasses land which would flood with an annual probability of 1 in 30 or greater in any year; and includes areas of land required for water conveyance routes.
- 5.12. According to the 2024 Mid Sussex District Council SFRA, the site is located within Flood Zone 1, entirely outside of the functional floodplain.

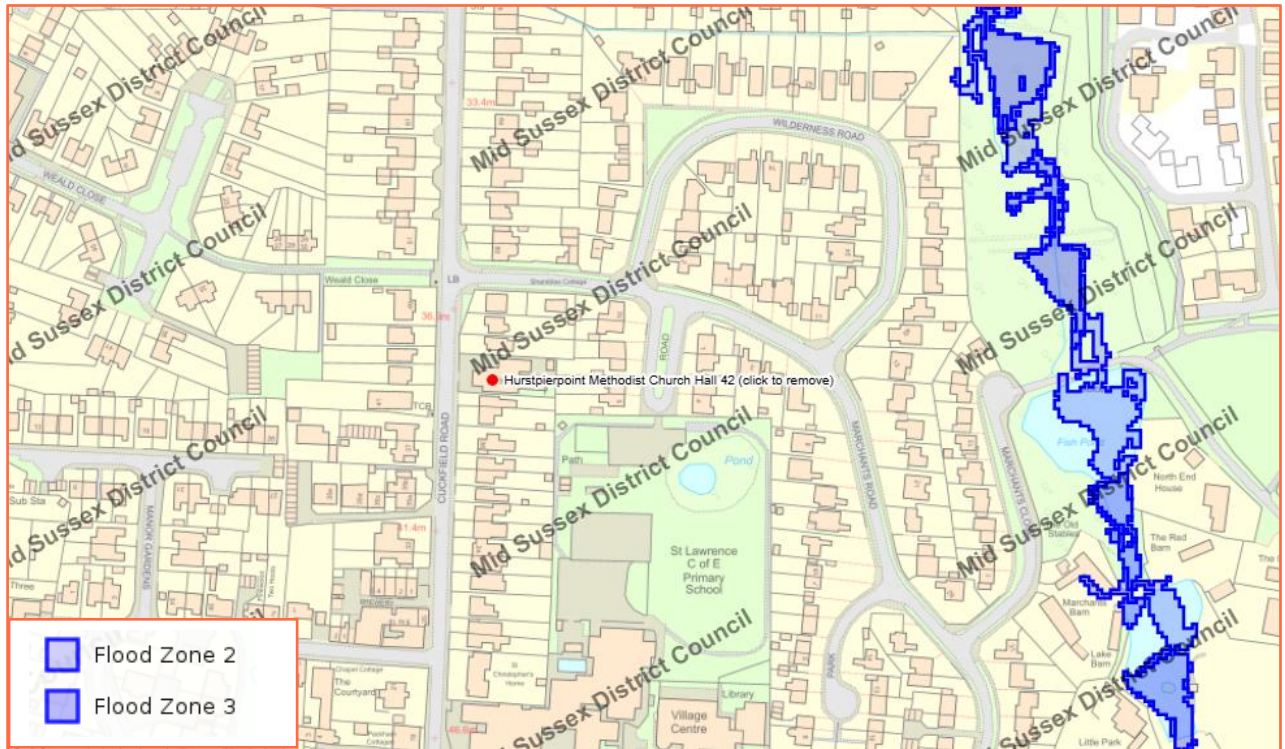


Figure 8: Flood Zones (Source: 2024 Mid Sussex District Council SFRA)

Fluvial:

- 5.13. The site is situated entirely in Flood Zone 1, defined as land having a less than 1:1000 year probability of river or sea flooding.
- 5.14. The nearest watercourse is a drain, located approximately 155m north of the site.

Flood Storage Areas:

- 5.15. Flood Storage Areas are areas that act as a balancing reservoir, storage basin or balancing pond. Their purpose is to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel. It may also delay the timing of a flood peak so that its volume is discharged over a longer time interval. Flood storage areas do not completely remove the chance of flooding and can be overtopped or fail in extreme weather conditions.
- 5.16. According to EA data, there are no Flood Storage Areas located in close proximity to the site.

Flood Defences:

- 5.17. Flood defences are typically raised structures that alter natural flow patterns and prevent floodwater from entering property in times of flooding. They are generally categorised as either 'formal' or 'informal' defences. A 'formal' flood defence is a structure that was built specifically for the purpose of flood defence, and is maintained by its respective owner, which could be the EA, Local Authority, or an individual. An 'informal' flood defence is a structure that has not been specifically built to retain floodwater, and is not maintained for this specific purpose, but may afford some protection against flooding.
- 5.18. Asset inspections are undertaken on average every six months, although some critical assets are assessed on a more regular basis. It is possible that adjacent assets are inspected on different dates, which may result in two assets of a similar state of repair having different condition ratings. It is unclear when both assets were last inspected.

- 5.19. Condition ratings of assets may also be affected by the time of year the surveys are conducted, as vegetation may obscure the asset in the summer months, or accessibility may be an issue during winter months. These factors would not usually affect the recorded condition rating of an asset unless the asset is on a borderline between two ratings.
- 5.20. According to the Environment Agency, there are no EA maintained raised defences that defend the site directly.

Residual Risk (breach or overtopping of flood defences):

- 5.21. Breaching of flood defences can cause rapid inundation of areas behind flood defences as flow in the river channel discharges through the breach. A breach can occur with little or no warning, although they are much more likely to concur with extreme river levels or tides when the stresses on flood defences are highest. Flood water flowing through a breach will normally discharge at a high velocity, rapidly filling up the areas behind the defences, resulting in significant damage to buildings and a high risk of loss of life. Breaches are most likely to occur in soft defences such as earth embankments although poorly maintained hard defences can also be a potential source of breach.
- 5.22. Overtopping of flood defences occurs when water levels exceed the protection level of raised flood defences. The worst case occurs when the fluvial or tidal levels exceed the defence level as this can lead to prolonged flooding. Less severe overtopping can occur when flood levels are below defence levels, but wave action causes cyclic overtopping, with intermittent discharge over the crest level of the defence. Flood defences are commonly designed with a freeboard to provide protection against overtopping from waves. The risk from overtopping due to exceedance of the flood defence level is much more significant than the risk posed by wave overtopping. Exceedance of the flood defence level can lead to prolonged and rapid flooding with properties immediately behind the defences at highest risk.
- 5.23. The site is not shown to be defended by formal flood defences.

Tidal Flooding:

- 5.24. Due to the site topography and distance to the nearest coast/tidal watercourse, the risk of tidal flooding is considered to be very low.

Pluvial (Surface Water):

- 5.25. Pluvial (surface water) flooding occurs when rainwater does not drain away through the normal drainage systems or soak into the ground, but lies on or flows over the ground instead.
- 5.26. The mapping below shows the Risk of Flooding from Surface Water (RoFSW). Please note that the EA do not consider this information suitable to be used to identify the risk to individual properties or sites. It is useful to raise awareness in areas which may be at risk and may require additional investigation. This information tells you the flood risk of the land around a building, not the building itself.
- 5.27. The RoFSW products are an assessment of where surface water flooding may occur.
- 5.28. The mapping shows the following likelihood categories, for the present day risk of flooding from surface water, and the climate change scenarios have been produced to indicate the predicted impacts of climate change on future flood risk.
- High - greater than or equal to 1 in 30 (3.3%) chance of flooding in any year.
 - Medium – Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance of flooding in any given year.
 - Low – Less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) chance of flooding in any given year.

- 5.29. The climate change allowances are based on the latest UK Climate Projections (UKCP18) from the Met Office, using the Representative Concentration Pathway (RCP) 8.5. A near-term epoch (2040 – 2060 “2050s” epoch) and central allowances are being used initially, to support short and medium-term decisions informed by the highest flood likelihood projections.
- 5.30. The EA Risk of Flooding from Surface Water Map suggests that the site is located within an area at “Very Low” to “Medium” chance of flooding from surface water.
- 5.31. The EA Risk of Flooding from Surface Water mapping shows the site to be at “Very Low” to “High” chance of flooding between 2040 and 2060.



Figure 9: Extract from EA Risk of Flooding from Surface Water mapping – present day (Source: EA)



Figure 10: Extract from Environment Agency RoFSW map – between 2040 and 2060 (Source: EA)

- 5.32. Within their previous comments on the 2025 application on the site (DM/25/0958) for the permission in principle for development of up to 6no. residential dwellings across a floor space of up to 1,000sqm, Mid Sussex District Council's Flood Risk and Drainage Team confirmed the following:

"The Risk of Flooding from Surface Water mapping suggests the site is shown to be at very low to medium surface water flood risk (comparable to flood zones 1 and 2) for the present day (2025) and to be at very low to high surface water flood risk (comparable to flood zones 1 and 3) within the climate change range of 2040 – 2060. However, this is isolated with a low spot and not associated with a clear overland flow route."

Depth of Surface Water Flooding:

- 5.33. The EA have also released depth bands for the present day and with climate change 2040 – 2060. These depth bands are:
- 0.2m
 - 0.3m
 - 0.6m
 - 0.9m
 - 1.2m
- 5.34. The maps provide information on flood depths to show the chance that different depths of flooding could be reached or exceeded each year.
- 5.35. A more detailed review of the surface water flood depths at the site identified the following likelihoods of surface water flood chances.

Surface Water Flooding at the Present Day:

- 5.36. The southern boundary of the site and southern façade of the building is shown to be partially within the “Medium” and “Low” chance of reaching or exceeding 0.2m of surface water at any given year.
- 5.37. The areas affected by surface water flooding appear to be isolated low spots and confined areas that do not appear to be associated with surface water flow pathways.
- 5.38. The remainder of the site and built footprint are shown to be outside of the “High”, “Medium” and “Low” chance of reaching or exceeding 0.2m of surface water at any given year.

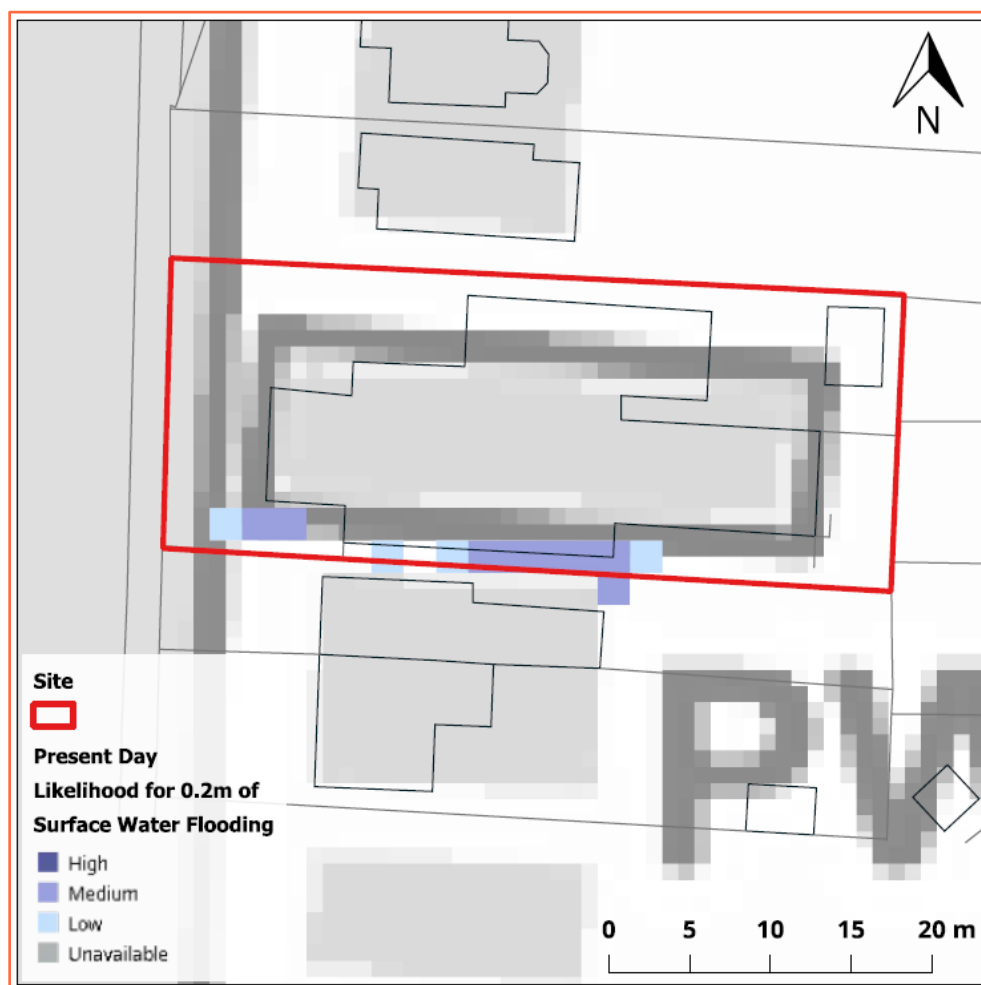


Figure 11: Likelihood for 0.2m of Surface Water Flooding at the site - Present Day (Source: EA, OS)

- 5.39. The southern boundary of the site and southern façade of the building is shown to partially clip the “Medium” chance of reaching or exceeding 0.3m of surface water at any given year.
- 5.40. The area affected by surface water flooding appears to be isolated low spots and confined area that does not appear to be associated with surface water flow pathways.
- 5.41. The remainder of the site and built footprint are shown to be outside of the “High”, “Medium” and “Low” chance of reaching or exceeding 0.3m of surface water at any given year.

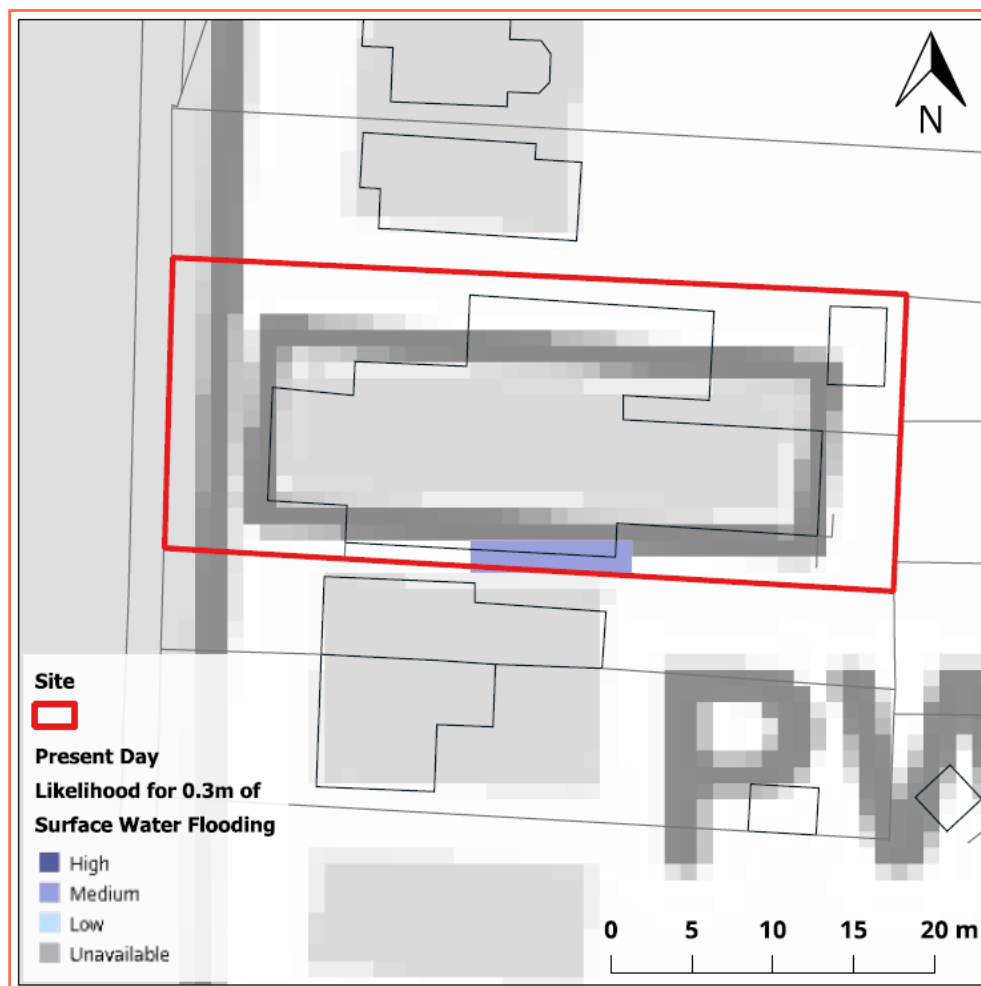


Figure 12: Likelihood for 0.3m of Surface Water Flooding at the site - Present Day (Source: EA, OS)

- 5.42. The site and proposed development are shown to be entirely outside the “Low”, “Medium” and “High” chance of having 0.6m, 0.9m and 1.2m of surface water at any given year.

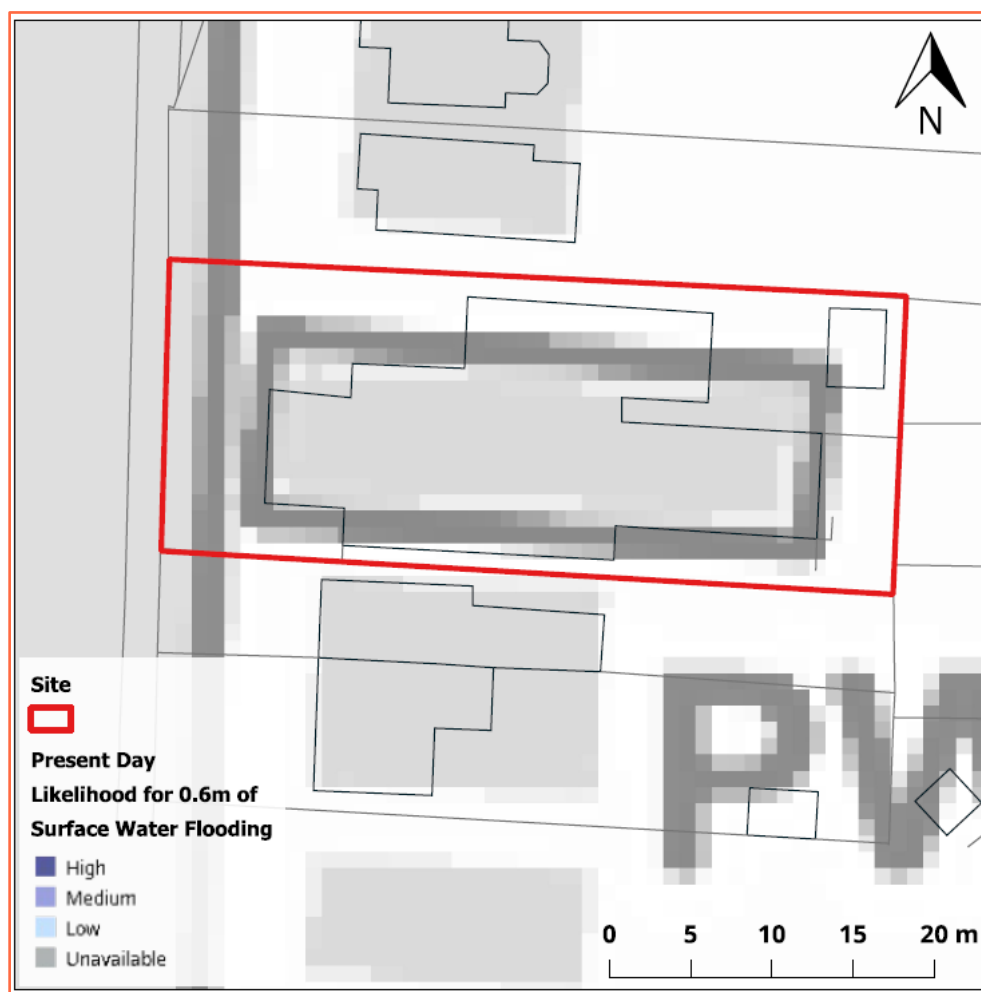


Figure 13: Likelihood for 0.6m of Surface Water Flooding at the site - Present Day (Source: EA, OS)

Depth of Surface Water Flooding between 2040 – 2060:

- 5.43. The southern boundary of the site and southern façade of the building is shown to be partially within the “High”, “Medium” and “Low” chance of reaching or exceeding 0.2m of surface water at any given year.
- 5.44. The areas affected by surface water flooding appear to be isolated low spots and confined areas that do not appear to be associated with surface water flow pathways.
- 5.45. The remainder of the site and built footprint are shown to be outside of the “High”, “Medium” and “Low” chance of reaching or exceeding 0.2m of surface water at any given year.

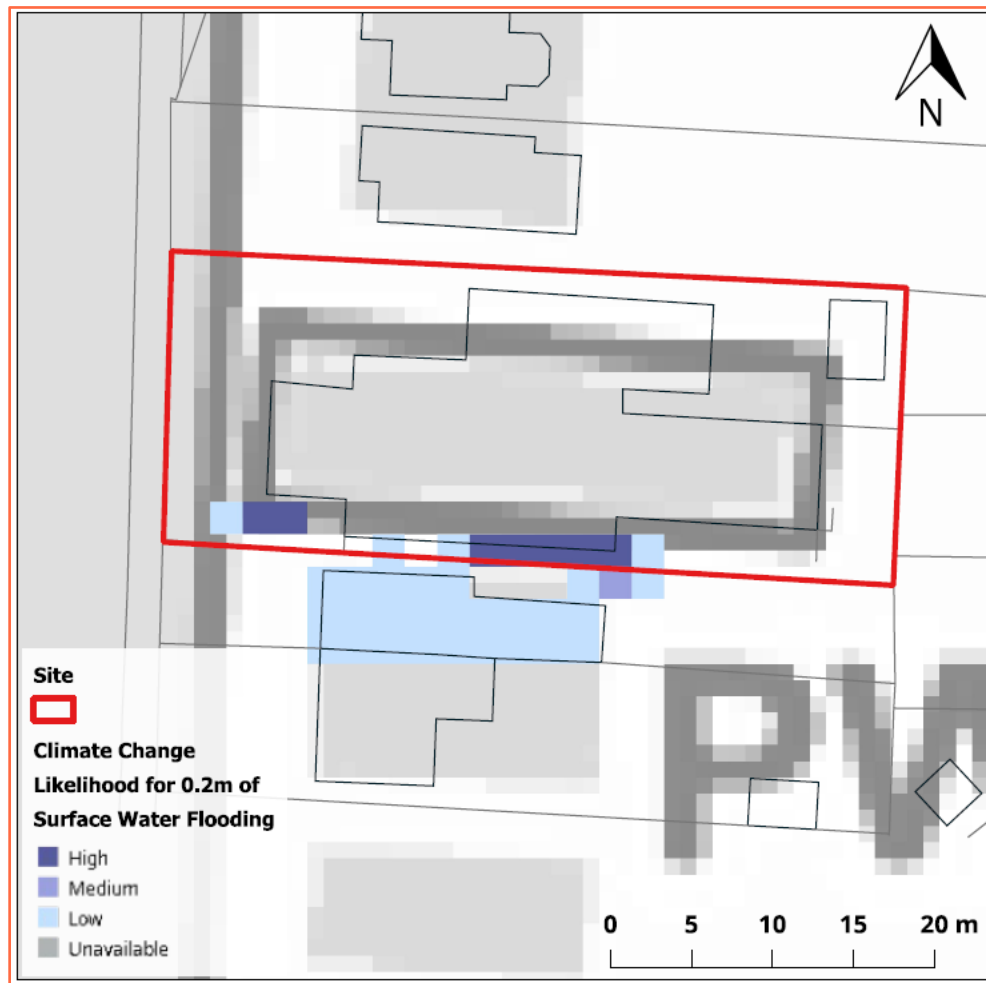


Figure 14: Likelihood for 0.2m of Surface Water Flooding at the site – Climate change (Source: EA, OS)

- 5.46. The southern boundary of the site and southern façade of the building is shown to partially clip the “High” and “Medium” chance of reaching or exceeding 0.3m of surface water at any given year.
- 5.47. The area affected by surface water flooding appears to be isolated low spots and confined area that does not appear to be associated with surface water flow pathways.
- 5.48. The remainder of the site and built footprint are shown to be outside of the “High”, “Medium” and “Low” chance of reaching or exceeding 0.3m of surface water at any given year.

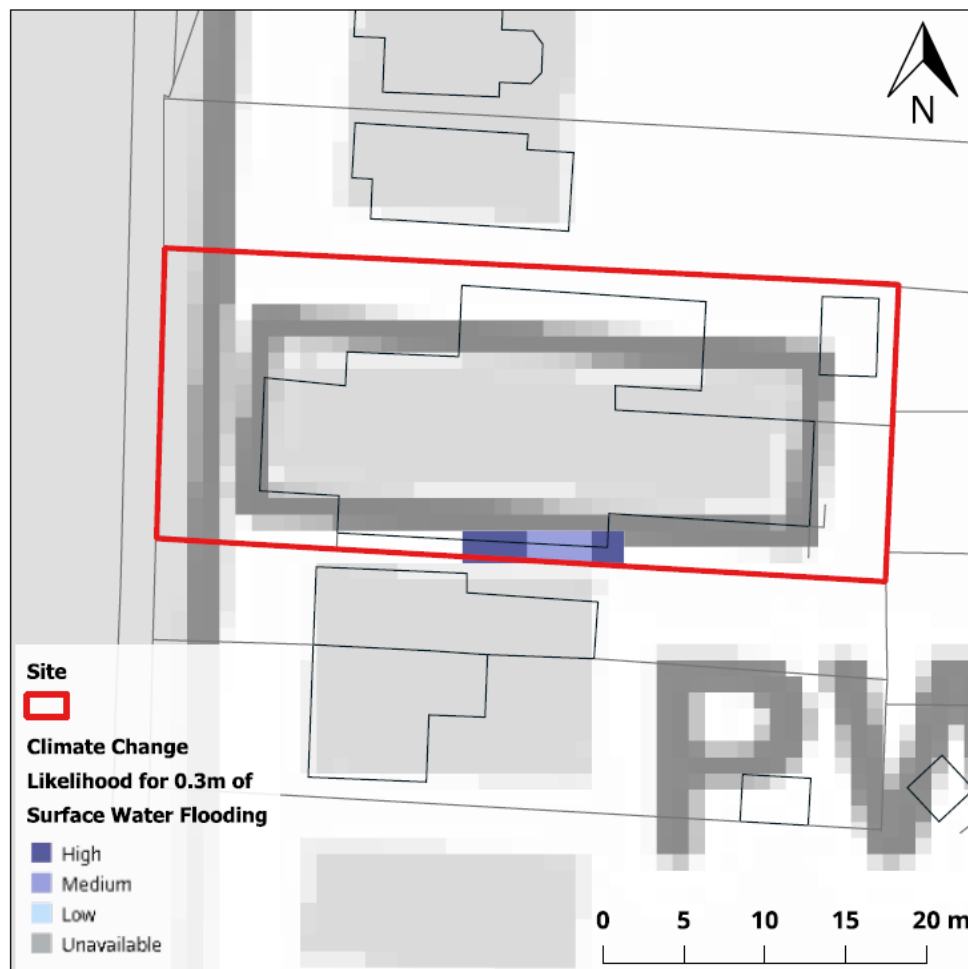


Figure 15: Likelihood for 0.3m of Surface Water Flooding at the site – Climate change (Source: EA, OS)

- 5.49. The site and proposed development are shown to be entirely outside the “Low”, “Medium” and “High” chance of having 0.6m, 0.9m and 1.2m of surface water at any given year.

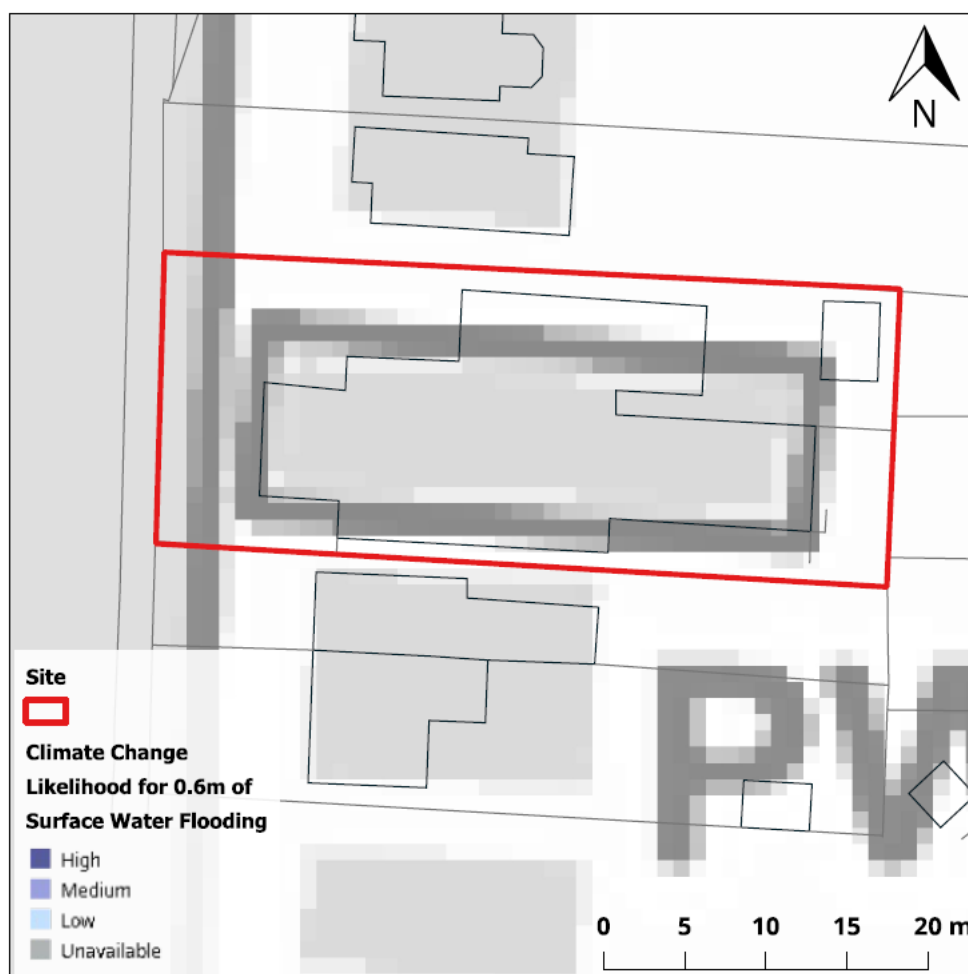


Figure 16: Likelihood for 0.6m of Surface Water Flooding at the site – Climate change (Source: EA, OS)

Critical Drainage Areas:

- 5.50. A Critical Drainage Area (CDA) is an area that has critical drainage problems and which has been notified to the local planning authority as such by the Environment Agency in line with the National Planning Policy Framework (NPPF). In these locations, there is a need for surface water to be managed to a higher standard than normal to ensure any new development will contribute to a reduction in flooding risks in line with NPPF. These higher standards are determined by the Environment Agency.
- 5.51. According to the 2024 Mid Sussex District Council SFRA, the site is not located within a Critical Drainage Area.

Groundwater:

- 5.52. Groundwater flooding occurs as a result of water rising up from the underlying rocks or from water flowing from abnormal springs. This tends to occur after much longer periods of sustained high rainfall. Higher rainfall means more water will infiltrate into the ground and cause the water table to rise above normal levels. Groundwater tends to flow from areas where the ground level is high, to areas where the ground level is low. In low-lying areas the water table is usually at shallower depths anyway, but during very wet periods, with all the additional groundwater flowing towards these areas, the water table can rise up to the surface causing groundwater flooding.
- 5.53. Groundwater flooding is most likely to occur in low-lying areas underlain by permeable rocks (aquifers). These may be extensive, regional aquifers, such as chalk or sandstone, or may be localised sands or river gravels in valley bottoms underlain by less permeable rocks. Groundwater flooding takes longer to dissipate because groundwater moves much more slowly than surface water and will take time to flow away underground.

- 5.54. The EA advise that this location is outside of a groundwater flood alert area.
- 5.55. No information has been provided to suggest that the site has flooded historically due to groundwater.

Sewer:

- 5.56. Sewer flooding occurs when the sewer network cannot cope with the volume of water that is entering it. It is often experienced during times of heavy rainfall when large amounts of surface water overwhelm the sewer network causing flooding. Temporary problems such as blockages, siltation, collapses and equipment or operational failures can also result in sewer flooding.
- 5.57. All Water Companies have a statutory obligation to maintain a register of properties/areas which have reported records of flooding from the public sewerage system, and this is shown on the DG5 Flood Register. This includes records of flooding from foul sewers, combined sewers and surface water sewers which are deemed to be public and therefore maintained by the Water Company. The DG5 register records of flood incidents resulting in both internal property flooding and external flooding incidents. Once a property is identified on the DG5 register, water companies can typically put funding in place to address the issues and hence enable the property to be removed from the register. It should be noted that flooding from land drainage, highway drainage, rivers/watercourses and private sewers is not recorded within the register.
- 5.58. According to the 2024 Mid Sussex District Council SFRA and Southern Water, the site is located within a postcode area (BN6 9) which has recorded 2 internal and 10 external incidents of sewer flooding.
- 5.59. No further information has been presented to suggest that the site itself is susceptible to sewer flooding.

Other Sources:

- 5.60. Reservoirs with an impounded volume in excess of 25,000 cubic metres (measured above natural ground level) are governed by the Reservoirs Act and are listed on a register held by the Environment Agency. The site is located outside of the maximum inundation extent on the EA Reservoir Inundation Map. The EA also advise on their website that reservoir flooding is extremely unlikely. There has been no loss of life in the UK from reservoir flooding since 1925. All major reservoirs have to be inspected by specialist dam and reservoir Engineers. In accordance with the Reservoirs Act 1975 in England, these inspections are monitored and enforced by the EA themselves. The risk to the site from reservoir flooding is therefore minimal and is far lower than that relating to the potential for fluvial / tidal flooding to occur. The Environment Agency Reservoir Flood Map illustrated below, illustrates the largest area that might be flooded if the storage area were to fail and release the water it is designed to hold during a flood event.
- 5.61. Records of flooding from reservoirs and canals are erratic as there is no requirement for the Environment Agency to provide information on historic flooding from canals and raised reservoirs on plans. In particular, the NPPF does not require flood risk from canals and raised reservoirs to be shown on the Environment Agency flood zones.
- 5.62. Overflows from canals can be common as they are often fed by land drainage, and often do not have controlled overflow spillways. Occasionally, major bank breaches also occur, leading to rapid and deep flooding of adjacent land.
- 5.63. No information has been provided to suggest that the site is susceptible to flooding from other sources.

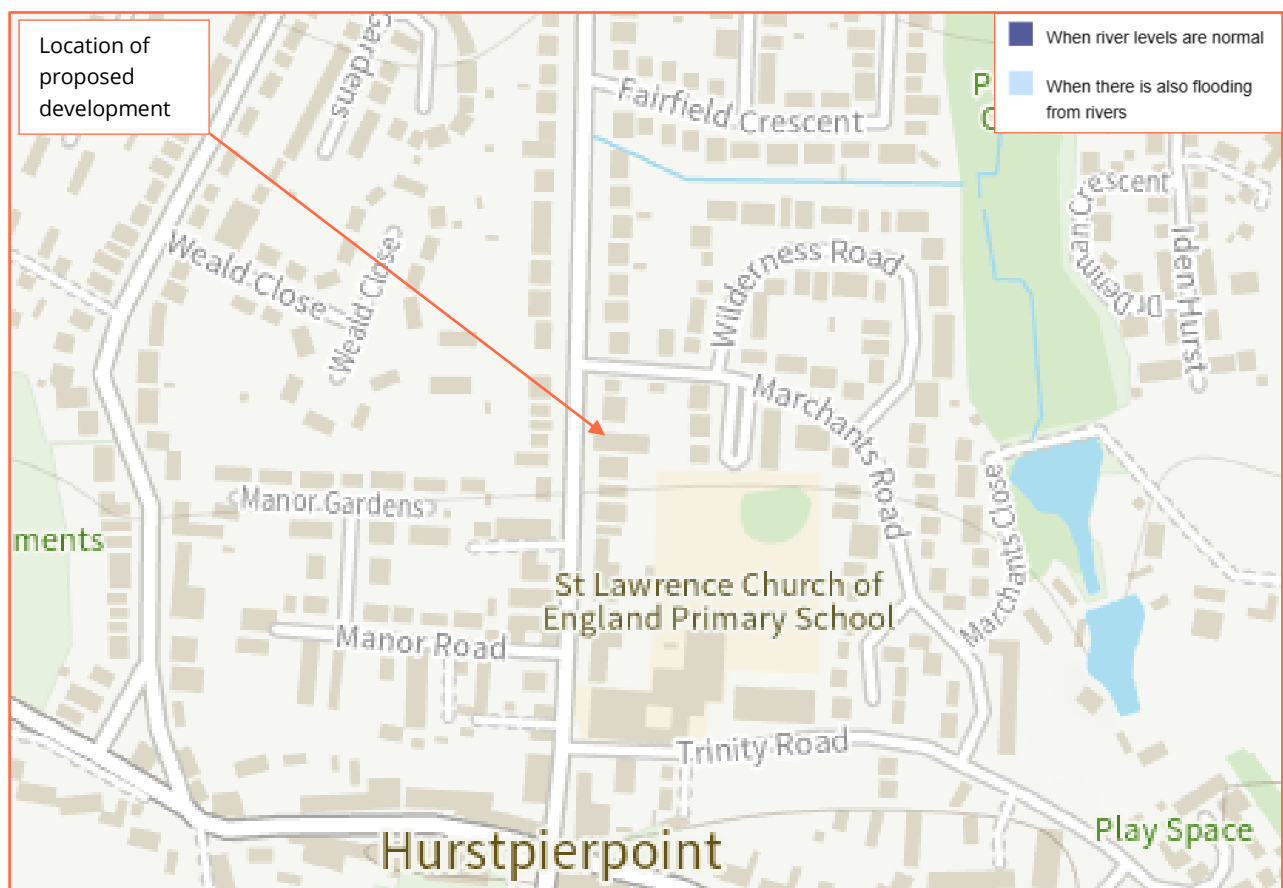


Figure 17: Extract from Environment Agency Reservoir Flood Map (Source: EA)

Historical Flood Events:

- 5.64. The EA hold records of historic flood events from rivers and the sea. The EA map flooding to land, not individual properties. Their historic flood event record outlines are an indication of the geographical extent of an observed flood event. Their historic flood event outlines do not give any indication of flood levels for individual properties. They also do not imply that any property within the outline has flooded internally.
- 5.65. The EA and 2024 Mid Sussex District Council SFRA hold no records of historical flooding at the site or the surrounding area.
- 5.66. The EA historical flood records are not comprehensive, and they advise that further enquiries locally are made with specific reference to flooding at the location.

6. Flood Risk Management

Vulnerability to Flooding:

- 6.1. The NPPF classifies property usage by vulnerability to flooding. The existing site is classified as “less vulnerable” (assembly and leisure). Post development, the site will be classified as “more vulnerable”, as the application is for the change of use to 6 flats within the existing building. No basement accommodation is proposed.
- 6.2. Accordingly, it is considered that the vulnerability of the site as a whole will increase post development, as there will be an introduction of residential units.

Physical Design Measures:

- 6.3. The site lies entirely within Flood Zone 1 according to the EA Flood Map for planning (Rivers and the Sea).
- 6.4. The EA Risk of Flooding from Surface Water Map suggests that the site is located within an area at “Very Low” to “Medium” chance of flooding from surface water for the present day and “Very Low” to “High” chance between 2040 and 2060.
- 6.5. To help protect against flooding during extreme events, the applicant has agreed to implement flood resistant design measures into the development where practical and feasible, in consultation with the Local Authority building control department. These measures can include the following:
- Solid concrete ground floor slab, with waterproof membrane;
 - Closed-cell foam used in wall cavities;
 - Waterproof ground floor internal render;
 - Waterproof screed used on ground floors;
 - Damp proof membranes;
 - External walls rendered resistant to flooding to at least 600mm above ground floor level;
 - Exterior ventilation outlets, utility points and air bricks fitted with removable waterproof covers;
 - Raised wiring and power outlets at least 600mm above ground floor level;
 - Ground floor electrical main ring run from first floor level; and on separately switched circuit from first floor;
 - Electrical incomer and meter situated at least 600mm above ground floor level;
 - Boilers, control and water storage / immersion installed at least 600mm above ground floor level;
 - Gas meter installed at least 600mm above ground floor level;
 - Plumbing insulation of closed-cell design;
 - Non-return valves fitted to all drain and sewer outlets;
 - Manhole covers secured;
 - Kitchen units of solid, water resistant material at ground floor level;
 - Use of MDF carpentry (i.e. skirting, architrave, built-in storage) avoided at ground floor level;
 - Stairs of solid hardwood construction with wood faces treated to resist water penetration at ground floor level.
- 6.6. It is recommended that flood proof doors and windows are installed for all ground floor external doors and windows.

Safe Escape:

- 6.7. The Flood Risk and Coastal Change Planning Practice Guidance (PPG) states that access considerations should include the voluntary and free movement of people during a design flood, as well as the potential for evacuation before a more extreme flood, considering the effects of climate change for the lifetime of the development.

Emergency access and escape plans are needed if any part of a development is below the estimated design flood level, which connects the site to an area away from current or future flood risk.

- 6.8. The site is located entirely within Flood Zone 1 according to the EA Flood Map for planning (Rivers and the Sea). The EA Risk of Flooding from Surface Water Map suggests that the site is located within an area at “Very Low” to “Medium” chance of flooding from surface water at the present day and “Very Low” to “High” chance between 2040 and 2060.
- 6.9. The flood hazard along an escape route can be calculated using flood depth, flood velocity and an associated debris factor using the FD2320 analysis. The degree of flood hazard is given four classifications. Under the NPPF routes should not be subject to any combination of depth and velocity that would result in a flood hazard rating of 0.75 (‘danger for some’) or greater.
- 6.10. A “danger for all” degree of flood hazard includes the emergency services.

Flood Hazard Rating (HR)	Hazard to People Classification
Less than 0.75	Very low hazard – caution
0.75 to 1.25	Danger for some – includes children, the elderly and the infirm
1.25 to 2.0	Danger for most – includes the general public
More than 2.0	Danger for all – includes the emergency services

Table 2: Hazard to People Classification using Hazard Rating (Source: Table 13.1 of FD2320/TR2 – Extended Version)

- 6.11. The EA have released a Risk of Flooding from Surface Water (RoFSW) dataset including information about hazard ratings. Flood hazard ratings are a measure of how dangerous a flood might be. They are calculated using a combination of flood depth and speed – higher depths and speed mean more dangerous flooding and a higher flood hazard rating.
- 6.12. The RoFSW is a probabilistic product, meaning that it shows the overall risk, rather than the risk associated with a specific event or scenario. In externally published versions of this dataset, risk is displayed as one of three likelihood bandings, High, Medium or Low.
- 6.13. The hazard data shows the chance (High, Medium or Low) of a flood occurring with a given flood hazard rating (or higher). There are separate layers for hazard ratings of 0 (i.e. flooding extent), 0.25, 0.5, 0.75, 1.25 and 2.
- 6.14. The EA RoFSW data includes the 1:30 year (High), 1:100 year (Medium) and 1:1000 year (Low) events with a climate change allowance for between 2040 and 2060.
- 6.15. For the 0.75, 1.25 and 2.0 hazard ratings, the proposed escape route is entirely outside of the key “Medium” (1:100 year) and “High” (1:30 year) flood likelihood categories between 2040 and 2060.
- 6.16. A potential route of safe escape is provided below. Site users should exit the site onto Cuckfield Road and head north until turning east onto Marchants Road.

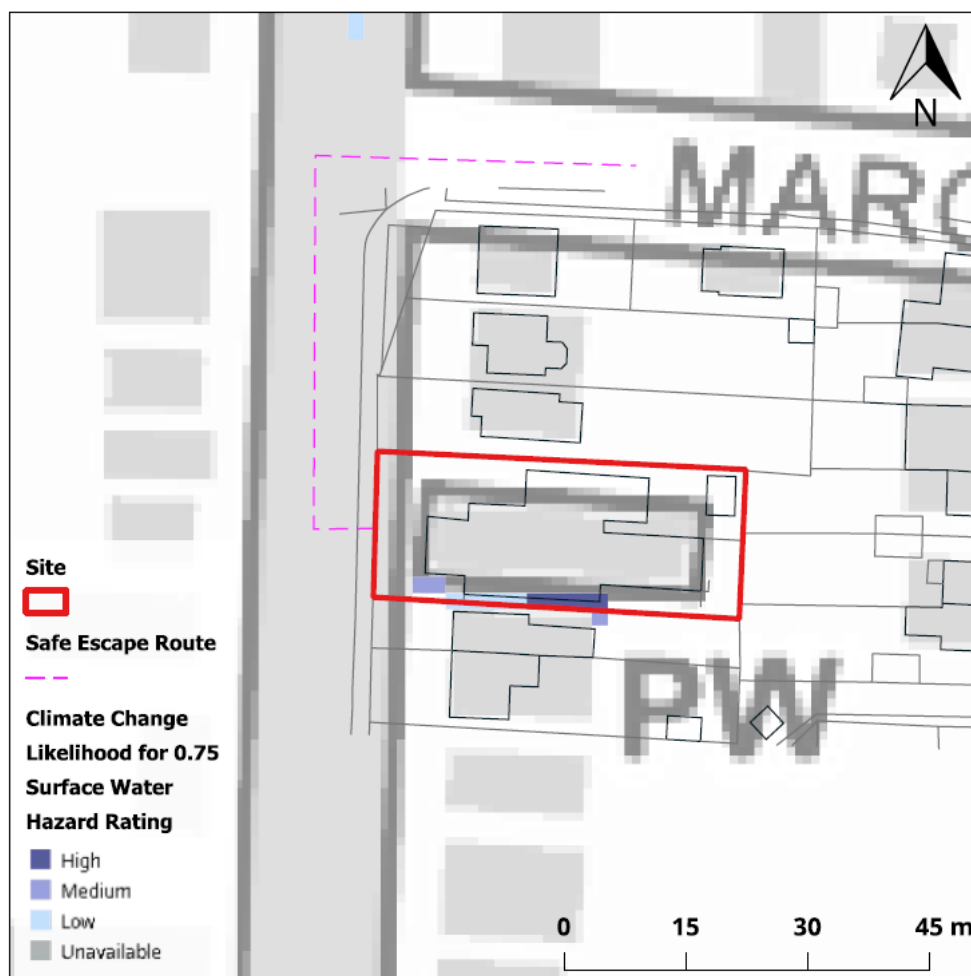


Figure 18: EA RoFSW between 2040 and 2060 0.75 Hazard Rating (Source: EA, OS)

6.17. Residents will follow the Flood Warning and Evacuation Plan detailed in the following section.

Flood Warning:

- 6.18. As the UK's official weather service, the Met Office is responsible for issuing weather warnings, which warn of impacts caused by severe weather. The Met Office provide warnings up to seven days ahead for rain, thunderstorms, wind, snow, lightning, ice and fog.
- 6.19. Met Office weather warnings are available in a number of ways, which make it easy to get the very latest information wherever you are. These include the Met Office app and website, social media, email alerts, TV, radio and RSS.
- 6.20. It is recommended that the site owner sign up to the National Severe Weather Warning Service. More information can be found here: <https://www.metoffice.gov.uk/weather/guides/warnings>.
- 6.21. The Met Office issues weather warnings, through the National Severe Weather Warning Service, when severe weather has the potential to bring impacts to the UK. These warnings are given a colour (yellow, amber or red) depending on a combination of both the impact the weather may have and the likelihood of those impacts occurring.

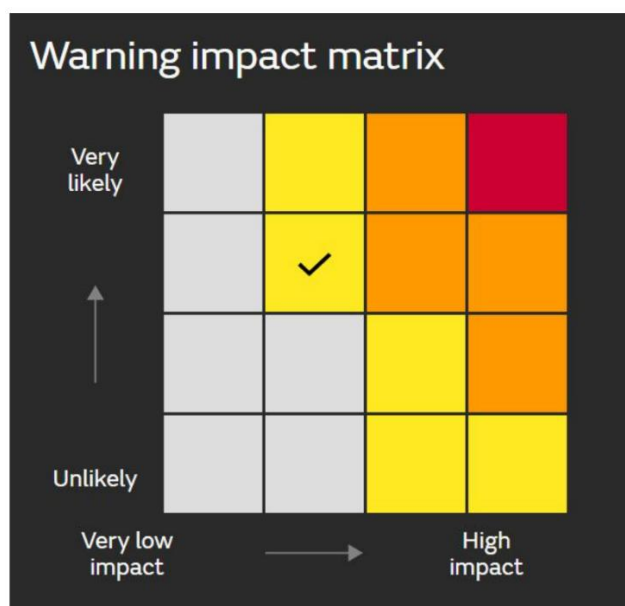


Figure 19: Met Office Weather Warning Impact Matrix (Source: Met Office)

- 6.22. **Yellow Warning:** Yellow warnings can be issued for a range of weather situations. Many are issued when it is likely that the weather will cause some low level impacts, including some disruption to travel in a few places. Many people may be able to continue with their daily routine, but there will be some that will be directly impacted and so it is important to assess if you could be affected. Other yellow warnings are issued when the weather could bring much more severe impacts to the majority of people but the certainty of those impacts occurring is much lower. It is important to read the content of yellow warnings to determine which weather situation is being covered by the yellow warning.
- 6.23. **Amber Warning:** There is an increased likelihood of impacts from severe weather, which could potentially disrupt your plans. This means there is the possibility of travel delays, road and rail closures, power cuts and the potential risk to life and property. You should think about changing your plans and taking action to protect yourself and your property. You may want to consider the impact of the weather on your family and your community and whether there is anything you need to do ahead of the severe weather to minimise the impact.
- 6.24. **Red Warning:** Dangerous weather is expected and, if you haven't already done so, you should take action now to keep yourself and others safe from the impact of the severe weather. It is very likely that there will be a risk to life, with substantial disruption to travel, energy supplies and possibly widespread damage to property and infrastructure. You should avoid travelling, where possible, and follow the advice of the emergency services and local authorities.

Flood Plan:

- 6.25. It is recommended that the applicant and future owners, occupiers and Landlords of the properties prepare a flood plan to protect life and property during a flood event:

Action	
Before a flood	- Find out if you are at risk of flooding. - Find out if you can receive flood warnings. - Prepare and keep a list of all your important contacts to hand or save them on your mobile phone. - Think about what items you can move now and what you would want to move to safety during a flood such as pets, cars, furniture, and electrical equipment. - Know how to turn off gas, electricity and water supplies. - Prepare a flood kit of essential items and keep it handy. It can include copies of important documents, a torch, a battery-powered or wind-up radio, blankets and warm clothing, waterproofs, rubber gloves and a first aid kit including all essential medication. - Consider buying flood protection products such as flood boards and airbrick covers to help reduce flood water getting into your property.
During a flood	- Tune into your local radio station on a battery or wind-up radio. - Fill jugs and saucepans with water. - Grab your flood kit - if you have prepared one. - Collect blankets, torch, first aid kit, medication and food. - Move important documents, personal items, valuables, and lightweight belongings upstairs or to high shelves. - Raise large items of furniture, or put them in large bags if you have them. - Move people, outdoor belongings, cars and pets to higher ground. - Switch off water, gas and electricity at mains when water is about to enter your home. Do not touch sources of electricity when standing in water. - Fit flood protection products, if you have them, for example flood boards, airbrick covers, sandbags. - Put plugs in sinks and baths. Weigh them down with a pillowcase or plastic bag filled with soil. - If you do not have non-return valves fitted, plug water inlet pipes with towels or cloths. - Move your family and pets upstairs or to a high place with a means of escape. - Listen to the advice of the emergency service and evacuate if told to do so. - Avoid walking or driving through flood water. Six inches of fast-flowing water can knock over an adult and two feet of water can move a car.
After a flood	- If you have flooded, contact your insurance company as soon as possible. - Take photographs and videos of your damaged property as a record for your insurance company. - If you don't have insurance, contact your local authority for information on grants and charities that may help you. - Flood water can contain sewage, chemicals and animal waste. Always wear waterproof outerwear, including gloves, wellington boots and a face mask. - Have your electrics, central heating and water checked by qualified engineers before switching them back on.

Table 3: Flood plan**Off Site Impacts:****Fluvial Floodplain Storage:**

- 6.26. The NPPF requires that where development is proposed in undefended areas of floodplain, which lie outside of the functional floodplain, the implications of ground raising operations for flood risk elsewhere needs to be considered. Raising existing ground levels may reduce the capacity of the floodplain to accommodate floodwater and increase the risk of flooding by either increasing the depth of flooding to existing properties at risk or by extending the floodplain to cover properties normally outside of the floodplain. Flood storage capacity can be maintained by lowering ground levels either within the curtilage of the development or elsewhere in the floodplain, in order to maintain at least the same volume of flood storage capacity within the floodplain.
- 6.27. In undefended tidal areas, raising ground levels is unlikely to impact on maximum tidal levels so the provision of compensatory storage should not be necessary.

- 6.28. For development in a defended flood risk area, the impact on residual flood risk to other properties needs to be considered. New development behind flood defences can increase the residual risk of flooding if the flood defences are breached or overtopped by changing the conveyance of the flow paths or by displacing flood water elsewhere. If the potential impact on residual risk is unacceptable then mitigation should be provided.
- 6.29. The site is located within Flood Zone 1 entirely outside of the functional floodplain. In addition, there will be no increase to built footprint post-development. Therefore, no fluvial floodwater would be displaced by the proposed development.

7. Sequential and Exception Test

- 7.1. The Sequential Test aims to ensure that development does not take place in areas at high risk of flooding when appropriate areas of lower risk are reasonably available.
- 7.2. The Sequential Test is applied to developments in areas identified as being at risk of any source of flooding now or in the future. The Sequential Test ensures that a sequential, risk-based approach is followed to steer new development to areas with the lowest risk of flooding, taking all sources of flood risk and climate change into account.
- 7.3. The sequential approach is designed to ensure that areas at little or no risk of flooding from any source are developed in preference to areas at higher risk. This means avoiding, so far as possible, development in current and future medium and high flood risk areas considering all sources of flooding including areas at risk of surface water flooding. Other forms of flooding need to be treated consistently with river and tidal flooding in mapping probability and assessing vulnerability, so that the sequential approach can be applied across all areas of flood risk.
- 7.4. The site is situated within Flood Zone 1 when using the Environment Agency Flood Map for Planning (Rivers and Sea) and within an area at “Very Low” to “Medium” chance of flooding from surface water for the present day and “Very Low” to “High” chance between 2040 and 2060. The proposed development is considered to be ‘more vulnerable’ (residential).

Flood Zones	Flood Risk Vulnerability Classification				
	Essential Infrastructure	Highly Vulnerable	More Vulnerable	Less Vulnerable	Water Compatible
Zone 1	✓	✓	✓	✓	✓
Zone 2	✓	Exception Test required	✓	✓	✓
Zone 3a	Exception Test required	X	Exception Test required	✓	✓
Zone 3b	Exception Test required	X	X	X	✓

Table 4: Flood risk vulnerability and flood zone ‘compatibility’ (Source: NPPF Table 3 Technical Guidance)

- 7.5. Using the above table, the proposed application (‘more vulnerable’) is considered to be suitable within Flood Zone 1. The Sequential Test does not need to be applied for minor developments and changes of use – this application is for the change of use to 6 flats within the existing building.

8. Surface Water Drainage Strategy

Existing Drainage:

- 8.1. The existing site is believed to discharge its surface water to soakaway.
- 8.2. Asset records provided by Southern Water can be found in the report Appendix.

Drainage Hierarchy:

- 8.3. In order to mitigate flood risk posed by post development runoff, adequate control measures will need to be considered within the site. This will ensure that surface water runoff is dealt with at source and flood risk is not increased elsewhere.
- 8.4. The drainage strategy for the site has been prepared according to the drainage discharge hierarchy from CIRIA C753 The SuDS Manual, as follows:
 - 1. Infiltration to the maximum extent that is practical;
 - 2. Discharge to surface waters;
 - 3. Discharge to surface water sewer;
 - 4. Discharge to combined sewer.

Infiltration Potential:

- 8.5. The 1:50,000 BGS map shows that the bedrock underlying the site is Weald Clay Formation – Mudstone. The soil type taken from the UKSO Soil Map Viewer shows the site to be located upon relatively deep soils of Claystone/Mudstone parent material with a soil texture of clay to clayey loam.

Proposed Discharge Rate and Location:

- 8.6. There is to be no increase in roof area of the main building, or increase in impermeable ground surfacing post-development.
- 8.7. In light of this, the SuDS strategy has been based on providing betterment on the existing situation through the inclusion of green roofs and water butts.
- 8.8. The site's existing surface water drainage arrangements will continue to be utilised.

Green Roofs:

- 8.9. Green roofs will be located on the proposed bin and bike stores.
- 8.10. Discharge from the green roof will be directed into the site's existing surface water drainage arrangements.

Water Butts:

- 8.11. Water butts will be incorporated into the development. Rainwater collected by the water butt will be used to maintain soft landscaped areas of the site.
- 8.12. Overflows from the water butts will be directed into the site's existing surface water drainage arrangements.

Water Quality:

- 8.13. Roof water and runoff from untrafficked ground surfacing will contain negligible contaminant concentrations and does not warrant treatment. Nevertheless, it is suggested to include debris / sediment traps on any new drainage.
- 8.14. Runoff from the existing car park will continue to utilise its existing surface water drainage arrangements.

Design Exceedance:

- 8.15. Should the onsite drainage system fail under extreme rainfall events or blockage, flooding may occur within the site. In the event of the drainage system failure, the runoff flow can be managed through detailing the new external levels to direct water away from structures.

Adoption and Maintenance:

- 8.16. It is proposed that all SuDS facilities will be maintained privately by the property management company or freeholder.
- 8.17. A draft Maintenance Schedule is outlined below.
- 8.18. In addition, it is recommended that all drainage elements are inspected following the first storm event and monthly for the first 3 months following commissioning.

Green Roofs:

- 8.19. Green roofs should be maintained in line with manufacturer's guidance. However, some general maintenance and checks are outlined in the following table.

Maintenance Schedule	Action	Frequency
Routine Maintenance	Water via surface sprinkler or fine rose.	6-12 weeks following installation to aid establishment. As required during droughts.
Occasional Maintenance	- Apply an organic slow release granular fertiliser. - Remove weeds.	Action as required.
	Remove leaves and other debris.	During the spring and after autumn leaf fall.
Remedial Actions	Replace lost or damaged plants/sedum	Action as required. Avoid patching sedum between November and February or in very hot, dry conditions.
	Secure metal flashings and termination bars.	Action as required.
Monitoring	Inspect drainage outlets, inspection chambers, walkways and pebble vegetation barriers to ensure they are clear of debris and encroaching vegetation.	Minimum two times per year, ideally during the Spring and after Autumn leaf fall.
	Inspect health of plants/sedum.	Minimum two times per year or as required if extreme weather conditions are experienced.
	- Check metal flashings and termination bars are secure. - Examine mastic sealant and mortar pointing for signs of degradation.	Minimum two times per year.

Table 5: Suggested maintenance regime for green roofs

Water Butts:

- 8.20. Water butts should be maintained in line with manufacturer's guidance. However, some general maintenance and checks are outlined in the following table.

Maintenance Schedule	Action	Frequency
Routine Maintenance	• Clean debris or sediment build-up from inlets/outlets.	Every three months.
	• Remove and clean filter by soaking in a mixture of vinegar and water.	Every three months.
Occasional Maintenance	• Wash exterior with soapy water, a coarse brush and jet hose.	Annually.
	• Clean interior of water butt with disinfectant.	
	• Descale using a mixture of vinegar and water.	Action as required.
Remedial Actions	• Replace lid if not fitting tightly.	Action as required.
Monitoring	• Monitor interior for evidence of stagnation, algae formation or limescale.	Every three months.
	• Inspect for signs of damage or cracking.	Every three months.
	• Ensure lid is fitting correctly.	

Table 6: Suggested maintenance regime for water butts

Pipework, Inspection Chambers and Catchpits:

- 8.21. It is not envisaged that silt build up within the pipework systems will require a rigorous maintenance regime so long as silt is removed from upstream catch pits on a regular basis. Notwithstanding this, a suitable maintenance regime for the systems is outlined in the table below.

Maintenance Schedule	Action	Frequency
Routine Maintenance	• Remove silt and debris from inspection chambers and catchpits.	Annually or as required.
	• Cleaning of gutters and downpipe filters.	
	• Remove root ingress.	Action as required.
Monitoring	• Inspect for silt and debris.	Every three months.
	• CCTV survey of drainage system to identify alignment issues, cracked pipes or leaking joints.	Every 10 years.

Table 7: Suggested maintenance regime for pipework, inspection chambers and catchpits

9. Foul Drainage Strategy

Existing Drainage:

- 9.1. The existing site is understood to discharge its foul water to sewer.
- 9.2. Asset records provided by Southern Water can be found in the report Appendix.

Foul Drainage Hierarchy:

- 9.3. The drainage strategy for the site has been prepared according to the drainage discharge hierarchy from the NPPF, as follows.
 - 1. Connection to public sewer;
 - 2. Installation of a package sewage treatment works;
 - 3. Installation of a septic tank.

Proposed Foul Drainage:

- 9.4. Post development, the site will continue to utilise its existing foul drainage arrangements.
- 9.5. A capacity check will be submitted to Southern Water to confirm that capacity exists within the sewer network for the proposed flows.

10. Discussion and Conclusion

- 10.1. This Flood Risk Assessment and Surface and Foul Water Drainage Strategy has been prepared by Unda Consulting Limited on behalf of Brighton & Hove Properties Ltd, in support of a planning application for the change of use to 6 flats within the existing building. The proposed development is being undertaken at Former Methodist Church Hall, 42 Cuckfield Road, Hurstpierpoint, Hassocks, West Sussex, BN6 9SA. This report assesses the flood risk and sets out the surface and foul water drainage strategy for the proposed development.
- 10.2. The site is currently occupied by a Methodist church hall. The surrounding area is characterised by residential dwellings.
- 10.3. A topographic survey shows ground topography on site ranges between 37.69mAOD to 38.79mAOD. Refer to existing site plan in Appendix.
- 10.4. The 1:50,000 BGS map shows that the bedrock underlying the site is Weald Clay Formation – Mudstone.
- 10.5. The BGS hold no records of superficial deposits underlying the site.
- 10.6. The soil type taken from the UKSO Soil Map Viewer shows the site to be located upon relatively deep soils of Claystone/Mudstone parent material with a soil texture of clay to clayey loam.
- 10.7. The published Environment Agency Groundwater Source Protection Zone map shows the site is not located within a Groundwater Source Protection Zone.

Flood Risk Discussion:

- 10.8. The site is located within Flood Zone 1 (Low Probability), which means it is defined as land having a less than 1:1000 annual probability of river or sea flooding.
- 10.9. The nearest watercourse is a drain, located approximately 155m north of the site.
- 10.10. According to EA data, there are no Flood Storage Areas located in close proximity to the site.
- 10.11. According to the Environment Agency, there are no EA maintained raised defences that defend the site directly.
- 10.12. The EA Risk of Flooding from Surface Water Map suggests that the site is located within an area at “Very Low” to “Medium” chance of flooding from surface water.
- 10.13. The EA Risk of Flooding from Surface Water mapping shows the site to be at “Very Low” to “High” chance of flooding between 2040 and 2060.
- 10.14. Within their previous comments on the 2025 application on the site (DM/25/0958) for the permission in principle for development of up to 6no. residential dwellings across a floor space of up to 1,000sqm, Mid Sussex District Council's Flood Risk and Drainage Team confirmed the following:

“The Risk of Flooding from Surface Water mapping suggests the site is shown to be at very low to medium surface water flood risk (comparable to flood zones 1 and 2) for the present day (2025) and to be at very low to high surface water flood risk (comparable to flood zones 1 and 3) within the climate change range of 2040 – 2060. However, this is isolated with a low spot and not associated with a clear overland flow route.”
- 10.15. The EA advise that this location is outside of a groundwater flood alert area. No information has been provided to suggest that the site has flooded historically due to groundwater.

- 10.16. According to the 2024 Mid Sussex District Council SFRA and Southern Water, the site is located within a postcode area (BN6 9) which has recorded 2 internal and 10 external incidents of sewer flooding. No further information has been presented to suggest that the site itself is susceptible to sewer flooding.
- 10.17. The EA and 2024 Mid Sussex District Council SFRA hold no records of historical flooding at the site or the surrounding area.
- 10.18. The NPPF classifies property usage by vulnerability to flooding. The existing site is classified as “less vulnerable” (assembly and leisure). Post development, the site will be classified as “more vulnerable”, as the application is for the change of use to 6 flats within the existing building. No basement accommodation is proposed.
- 10.19. Accordingly, it is considered that the vulnerability of the site as a whole will increase post development, as there will be an introduction of residential units.
- 10.20. To help protect against flooding during extreme events, the applicant has agreed to implement flood resistant design measures into the development where practical and feasible, in consultation with the Local Authority building control department. It is recommended that flood proof doors and windows are installed for all ground floor external doors and windows.

Surface Water Drainage Discussion:

- 10.21. The existing site is believed to discharge its surface water to soakaway. Asset records provided by Southern Water can be found in the report Appendix.
- 10.22. There is to be no increase in roof area of the main building, or increase in impermeable ground surfacing post-development.
- 10.23. In light of this, the SuDS strategy has been based on providing betterment on the existing situation through the inclusion of green roofs and water butts.
- 10.24. The site's existing surface water drainage arrangements will continue to be utilised.
- 10.25. Green roofs will be located on the proposed bin and bike stores.
- 10.26. Discharge from the green roof will be directed into the site's existing surface water drainage arrangements.
- 10.27. Water butts will be incorporated into the development. Rainwater collected by the water butt will be used to maintain soft landscaped areas of the site.
- 10.28. Overflows from the water butts will be directed into the site's existing surface water drainage arrangements.
- 10.29. Roof water and runoff from untrafficked ground surfacing will contain negligible contaminant concentrations and does not warrant treatment. Nevertheless, it is suggested to include debris / sediment traps on any new drainage.
- 10.30. Runoff from the existing car park will continue to utilise its existing surface water drainage arrangements.
- 10.31. It is proposed that all SuDS facilities will be maintained privately by the property management company or freeholder. A draft Maintenance Schedule is outlined within the report.
- 10.32. Should the onsite drainage system fail under extreme rainfall events or blockage, flooding may occur within the site. In the event of the drainage system failure, the runoff flow can be managed through detailing the new external levels to direct water away from structures.

Foul Drainage Discussion:

- 10.33. The existing site is understood to discharge its foul water to sewer. Asset records provided by Southern Water can be found in the report Appendix.
- 10.34. Post development, the site will continue to utilise its existing foul drainage arrangements.
- 10.35. A capacity check will be submitted to Southern Water to confirm that capacity exists within the sewer network for the proposed flows.

This drainage strategy has been undertaken in accordance with the principles set out in NPPF. We can conclude that providing the development adheres to the conditions advised above, the said development proposals can be accommodated without increasing flood risk within the locality in accordance with objectives set by Central Government and the EA.

**Unda Consulting Limited
May 2026**

Appendix

A – Development Plans:

- Site location, existing and proposed plans – Hampson.

B – Sewer Records:

- Sewer Records – Southern Water.

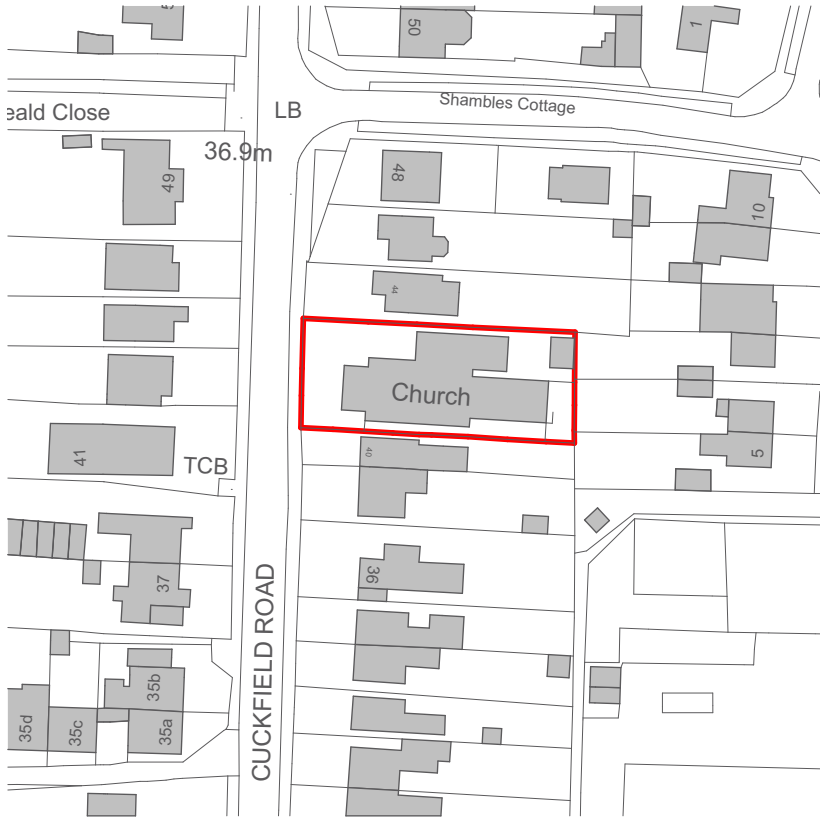
C – Drainage Layout Plans:

- Proposed Drainage Layout [97289-01].

D – NPPF Annex 3:

- NPPF Annex 3: Flood risk vulnerability classification table.

Appendix A



Location Plan
Scale 1:1250

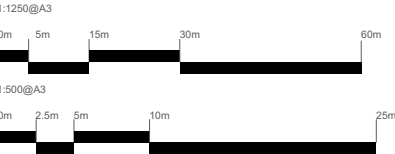


Proposed Block Plan
Scale 1:500

- KEY:
- Materials:
- 01. Red bricks
 - 02. White fascia and rainwater goods
 - 03. Red roof tiles
 - 04. Brick arches
 - 05. Cream coloured stone details
 - 06. Wooden panels
 - 07. New conservation style velux windows
 - 08. White UPVC window/door frames
 - 09. White metal window/door frames
 - 10. White wooden window/door frames
 - 11. Windows and doors to remain as existing

Outline Specification:

Site Boundary



P1	17/03/2026	-
revision	date	amendment

HAMPSON

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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
SITE LOCATION AND BLOCK PLAN

status
PRE APP.

scale
1:500, 1:1250 @ A3

job no HA098	date 03.12.2025	drawing no. 001	revision P1
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CUCKFIELD ROAD



- KEY:
- Materials:
- 01. Red bricks
 - 02. White fascia and rainwater goods
 - 03. Red roof tiles
 - 04. Brick arches
 - 05. Cream coloured stone details
 - 06. Wooden panels
 - 07. New conservation style velux windows
 - 08. White UPVC window/door frames
 - 09. White metal window/door frames
 - 10. White wooden window/door frames
 - 11. Windows and doors to remain as existing

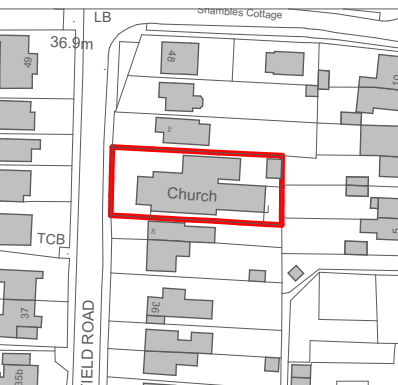
Outline Specification:

Site Boundary

1:200@A3



revision	date	amendment
P1	17/03/2026	LB



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
EXISTING GROUND FLOOR PLAN

status
PRE APP.

scale
1:200 @ A3 1:100 @ A1

job no	date	drawing no.	revision
HA098	03.12.2025	060	P1

CUCKFIELD ROAD



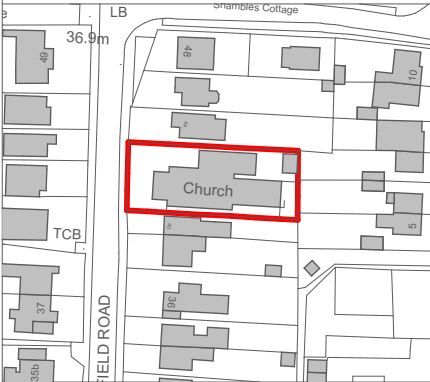
- KEY:
- Materials:
- 01. Red bricks
 - 02. White fascia and rainwater goods
 - 03. Red roof tiles
 - 04. Brick arches
 - 05. Cream coloured stone details
 - 06. Wooden panels
 - 07. New conservation style velux windows
 - 08. White UPVC window/door frames
 - 09. White metal window/door frames
 - 10. White wooden window/door frames
 - 11. Windows and doors to remain as existing

Outline Specification:

Site Boundary



P1	17/03/2026	-
revision	date	amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
EXISTING FIRST FLOOR PLAN

status	PRE APP.		
scale	1:200 @ A3		1:100 @ A1
job no	date	drawing no.	revision
HA098	03.12.2025	061	P1

CUCKFIELD ROAD



- KEY:
- Materials:
- 01. Red bricks
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 - 11. Windows and doors to remain as existing

Outline Specification:

Site Boundary

1:200@A3



revision	date	amendment
P1	17/03/2026	



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
EXISTING SECOND FLOOR PLAN

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job no	date	drawing no.	revision	
HA098	03.12.2025	062	P1	

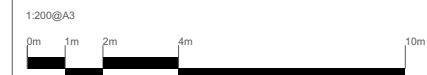
CUCKFIELD ROAD



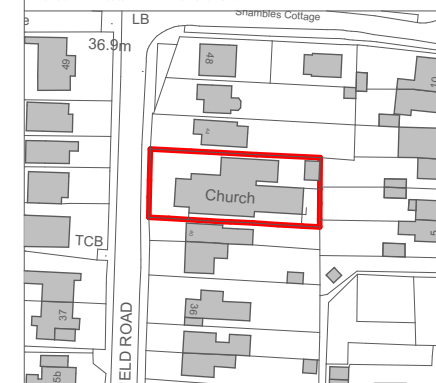
Materials:

01. Red bricks
02. White fascia and rainwater goods
03. Red roof tiles
04. Brick arches
05. Cream coloured stone details
06. Wooden panels
07. New conservation style velux windows
08. White UPVC window/door frames
09. White metal window/door frames
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Outline Specification:

 Site Boundary

P1	17/03/2026	-
revision	date	amendment



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job title	
42 Cuckfield Road, Hurstpierpoint,	

drawing title
EXISTING SECOND FLOOR PLAN

status	PRE APP.

scale	1:200 @ A3		1:100 @ A1	
job no	date	drawing no.	revision	

HA098	03.12.2025	062	P1
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CUCKFIELD ROAD



- KEY:
- Materials:
- 01. Red bricks
 - 02. White fascia and rainwater goods
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 - 05. Cream coloured stone details
 - 06. Wooden panels
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Outline Specification:

Site Boundary



P1	17/03/2026	
revision	date	amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
PROPOSED SITE PLAN

status
PRE APP.

scale
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job no	date	drawing no.	revision
HA098	03.12.2025	119	P1

CUCKFIELD ROAD



- KEY:
- Materials:
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 - 02. White fascia and rainwater goods
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 - 11. Windows and doors to remain as existing

Outline Specification:

Site Boundary

1:200@A3



P1 17/03/2026
revision date amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
PROPOSED GROUND FLOOR PLAN

status
PRE APP.

scale
1:200 @ A3 1:100 @ A1

job no	date	drawing no.	revision
HA098	03.12.2025	120	P1

CUCKFIELD ROAD



- KEY:
- Materials:
- 01. Red bricks
 - 02. White fascia and rainwater goods
 - 03. Red roof tiles
 - 04. Brick arches
 - 05. Cream coloured stone details
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Outline Specification:

Site Boundary



P1	17/03/2026	
revision	date	amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
PROPOSED FIRST FLOOR PLAN

status
PRE APP.

scale
1:200 @ A3
1:100 @ A1

job no	date	drawing no.	revision
HA098	03.12.2025	121	P1

CUCKFIELD ROAD



KEY:

Materials:

- 01. Red bricks
- 02. White fascia and rainwater goods
- 03. Red roof tiles
- 04. Brick arches
- 05. Cream coloured stone details
- 06. Wooden panels
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Outline Specification:

Site Boundary

1:200@A3



P1 17/03/2026
revision date amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

drawing title
PROPOSED SECOND FLOOR PLAN

status PRE APP.

scale 1:200 @ A3 1:100 @ A1

job no	date	drawing no.	revision
HA098	03.12.2025	122	P1

CUCKFIELD ROAD



Materials:

01. Red bricks
02. White fascia and rainwater goods
03. Red roof tiles
04. Brick arches
05. Cream coloured stone details
06. Wooden panels
07. New conservation style velux windows
08. White UPVC window/door frames
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Outline Specification:

 Site Boundary

P1	17/03/2026	-
revision	date	amendment



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job title
42 Cuckfield Road, Hurstpierpoint,

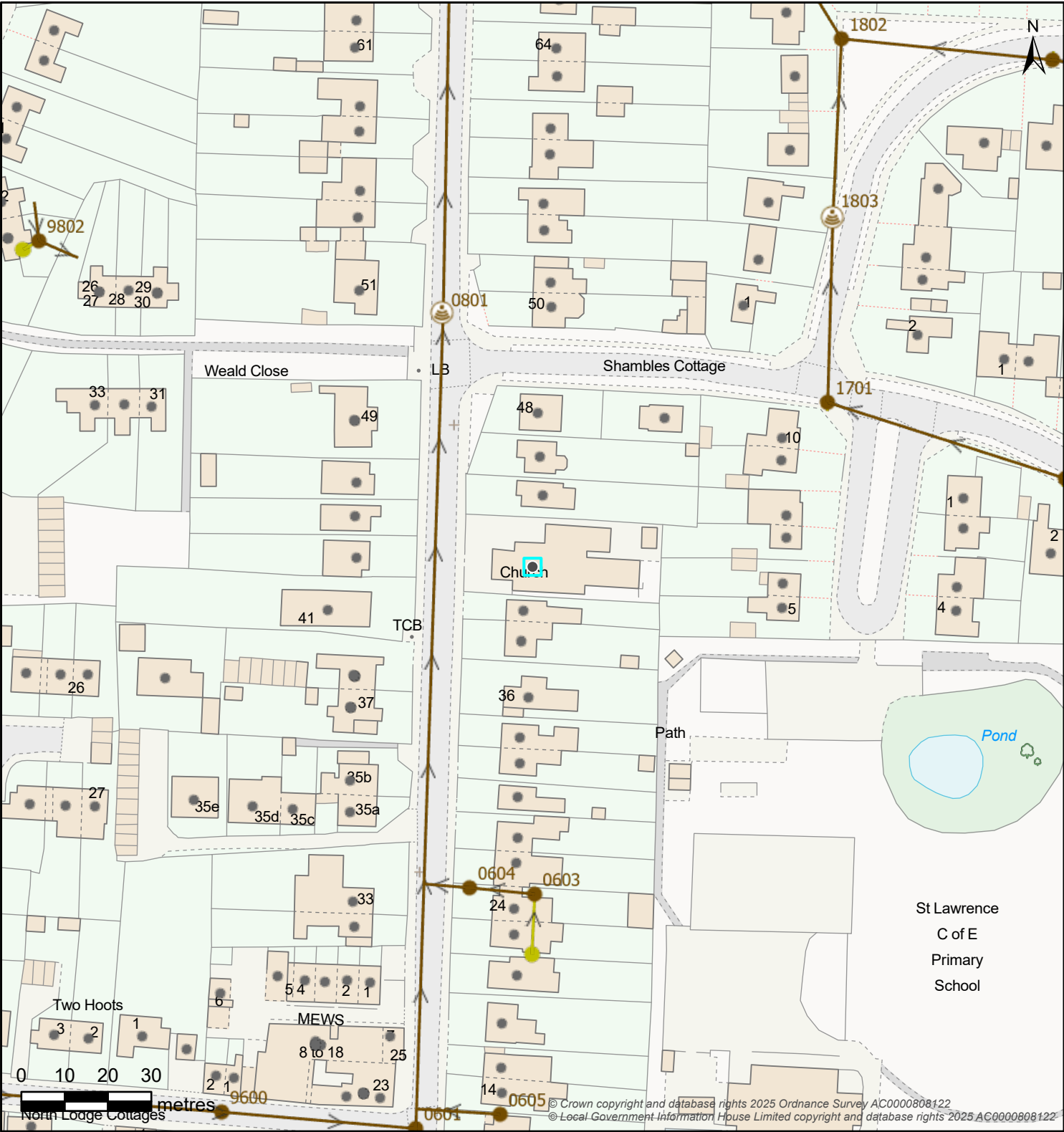
drawing title
PROPOSED ROOF PLAN

status	PRE APP.
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scale	1:200 @ A3	1:100 @ A1
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job no	date	drawing no.	revision
HA098	03.12.2025	123	P1

Appendix B



Map Title: SW Print

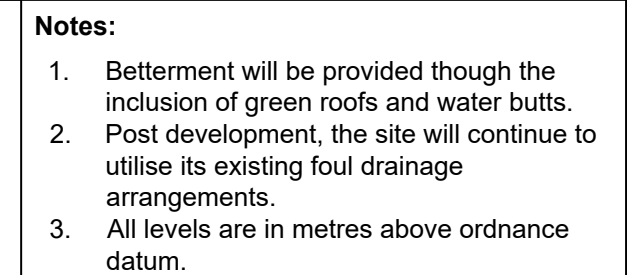
Printed By: Lia.Loversidge
Date Printed: 07/05/2025
Map Scale: 1250

The information provided is believed to be correct but is provided on an 'as is' basis and without any warranty or condition express or implied, statutory or otherwise as to its quality or fitness for purpose. Actual positions of assets should always be determined on site.



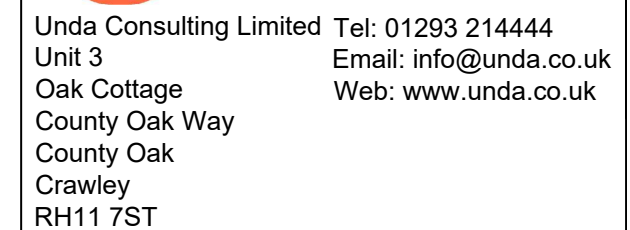
Boundary Box		Break Pressure Tank		Capped End		Hydrant		
 Boundary Box	 Break Pressure Tank	 Capped End	 Emptying Plug	 Fire Hydrant	 Washout Hydrant			
Pressure Monitoring		Service Reservoir		Meter		Valve - Controllable		
 Logger	 Covered	 Tower	 Meter	 Open Valve			 Closed Valve	 Stop Tap
Site				Valve - Flow				
 Abstraction Point	 Supply Works	 Air Valve	 Non-Return Valve	 Washout Empty Valve				
 Booster Station	 Transfer Station	Valve - Pressure			Pipe Bridge			
 Surface Reservoir	 Underground Source	 Pressure Reducing Valve	 Pressure Sustaining Valve	 Pipe Bridge				
Water Pipe				Water Area				
 Communication	 Trunk	 Decommissioned		 Water Supply Zone		 District Meter Area		
 Distribution	 Raw	 Discolouration						
 Non-Potable	 Private							

Appendix C



 Proposed Green Roof

 Design Exceedance Route



Site Address: Former Methodist Church 42 Cuckfield Road Hurstpierpoint Hassocks West Sussex BN6 9SA
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Drawing Number: 97289-01	Revision: 1.0
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Scale: 1:100@A2	Disclaimer: The drawings provided are for planning purposes only.
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Appendix D

Annex 3: Flood Risk Vulnerability Classification	
Essential Infrastructure:	• Essential transport infrastructure (including mass evacuation routes) which has to cross the area at risk. • Essential utility infrastructure which has to be located in a flood risk area for operational reasons, including infrastructure for electricity supply including generation, storage and distribution systems; including electricity generating power stations, grid and primary substations storage; and water treatment works that need to remain operational in times of flood. • Wind turbines. • Solar farms.
Highly Vulnerable:	• Police and ambulance stations; fire stations and command centres; telecommunications installations required to be operational during flooding. • Emergency dispersal points. • Basement dwellings. • Caravans, mobile homes and park homes intended for permanent residential use. • Installations requiring hazardous substances consent. (Where there is a demonstrable need to locate such installations for bulk storage of materials with port or other similar facilities, or such installations with energy infrastructure or carbon capture and storage installations, that require coastal or water-side locations, or need to be located in other high flood risk areas, in these instances the facilities should be classified as 'Essential Infrastructure'.)
More Vulnerable: * Landfill is as defined in Schedule 10 of the Environmental Permitting (England and Wales) Regulations 2010	• Hospitals. • Residential institutions such as residential care homes, children's homes, social services homes, prisons and hostels. • Buildings used for dwelling houses, student halls of residence, drinking establishments, nightclubs and hotels. • Non-residential uses for health services, nurseries and educational establishments. • Landfill* and sites used for waste management facilities for hazardous waste. • Sites used for holiday or short-let caravans and camping, subject to a specific warning and evacuation plan.
Less Vulnerable:	• Police, ambulance and fire stations which are not required to be operational during flooding. • Buildings used for shops; financial, professional and other services; restaurants, cafes and hot food takeaways; offices; general industry, storage and distribution; non-residential institutions not included in the 'more vulnerable' class; and assembly and leisure. • Land and buildings used for agriculture and forestry. • Waste treatment (except landfill* and hazardous waste facilities). • Minerals working and processing (except for sand and gravel working). • Water treatment works which do not need to remain operational during times of flood. • Sewage treatment works, if adequate measures to control pollution and manage sewage during flooding events are in place. • Car parks.
Water-Compatible Development:	• Flood control infrastructure. • Water transmission infrastructure and pumping stations. • Sewage transmission infrastructure and pumping stations. • Sand and gravel working. • Docks, marinas and wharves. • Navigation facilities. • Ministry of Defence installations. • Ship building, repairing and dismantling, dockside fish processing and refrigeration and compatible activities requiring a waterside location. • Water-based recreation (excluding sleeping accommodation). • Lifeguard and coastguard stations. • Amenity open space, nature conservation and biodiversity, outdoor sports and recreation and essential facilities such as changing rooms. • Essential ancillary sleeping or residential accommodation for staff required by uses in this category, subject to a specific warning and evacuation plan.

National Planning Policy Framework Annex 3: Flood risk vulnerability classification