



UK Experts in Flood Modelling, Flood Risk Assessments, and Surface Water Drainage Strategies \_



## **Document Issue Record**

Project: Flood Risk Assessment

**Prepared for** 

**Reference:** AEG4653\_SG13\_Hertford\_01

#### Site Location: 12 West Street, Hertford, East Hertfordshire, SG13 8EX

Issue Date	Date	Author	Check	Auth.	Comments
1	22/03/2024	Nick Darling-Drewett	ОМ	ОН	First issue

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# Summary





Site Drainage Plan		
Flood Warning and Evacuation Plan		
Offsite Impacts	Summary	Comment
Displacement of floodwater		
Impact on hydraulic performance of channels		

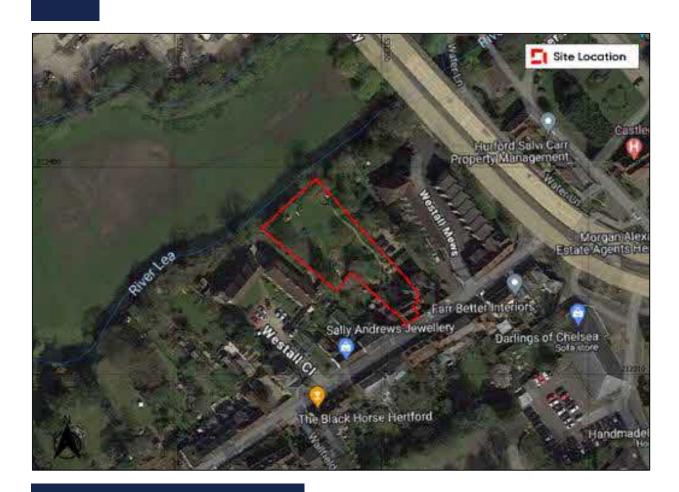
<sup>1</sup> not required for this assessment

<sup>2</sup> data not available.

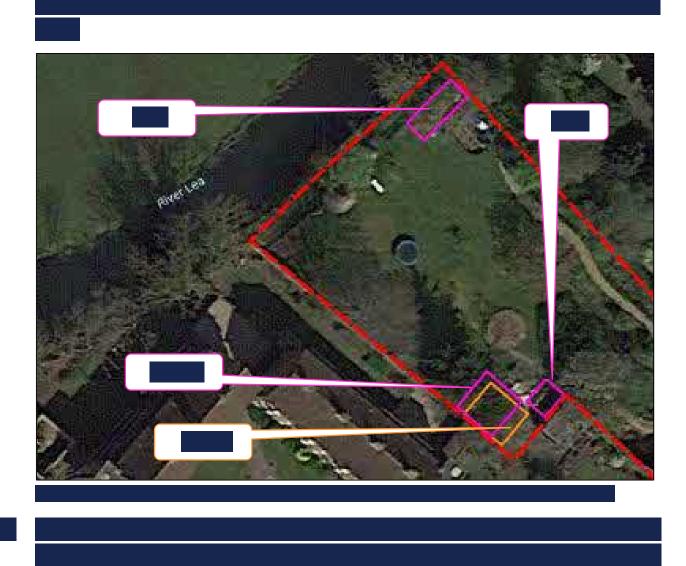


## 1. Introduction

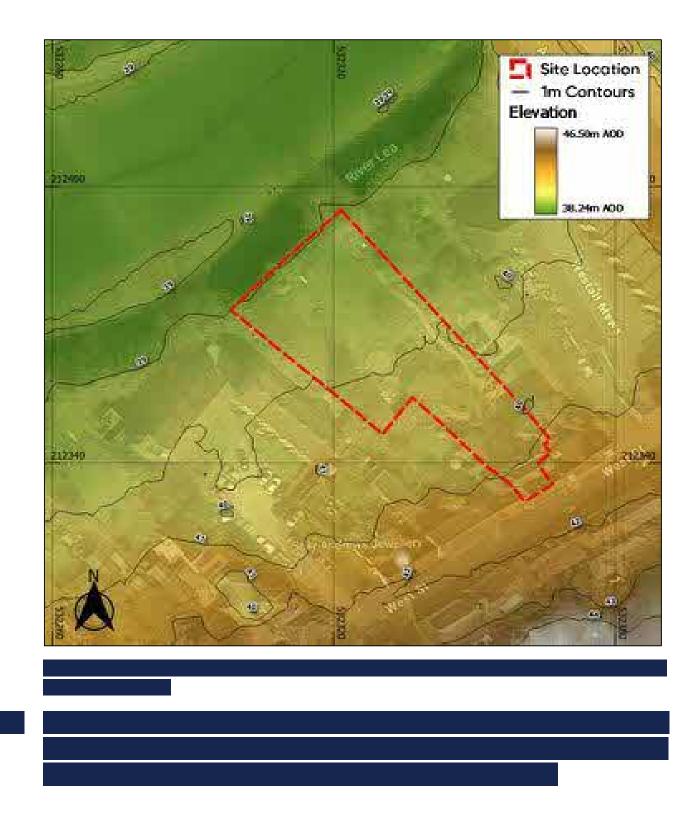














## Planning Policy and Guidance



Planning Policy
National Planning Policy Framework (NPPF)











### Local Plan



## Sequential and Exception Tests

			_
Summ	nary		



## 3. Consultation and Review

### Consultation

Documents and Online Mapping	



### Preliminary Flood Risk Assessment (PFRA)

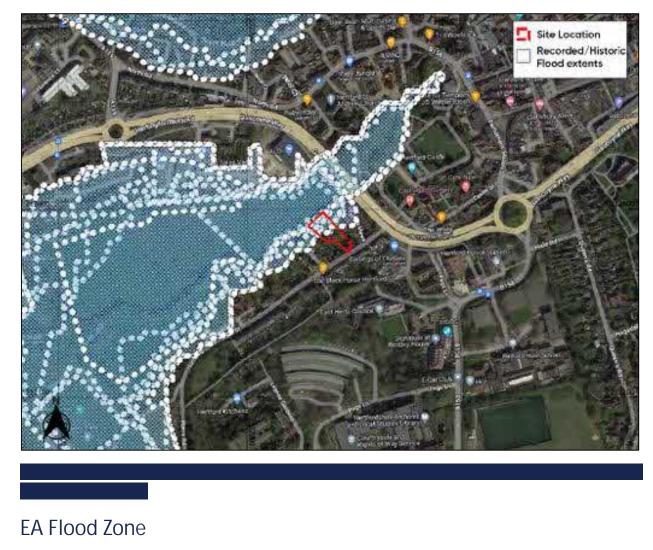
Stratogic Flood Dick Accompant (SEDA)

Strategic Flood RISK Assessment (SFRA)



4.	Sources of Flood Risk
	Fluvial
	Main Rivers
	Ordinary Watercourses
	Historical Fluvial Flooding









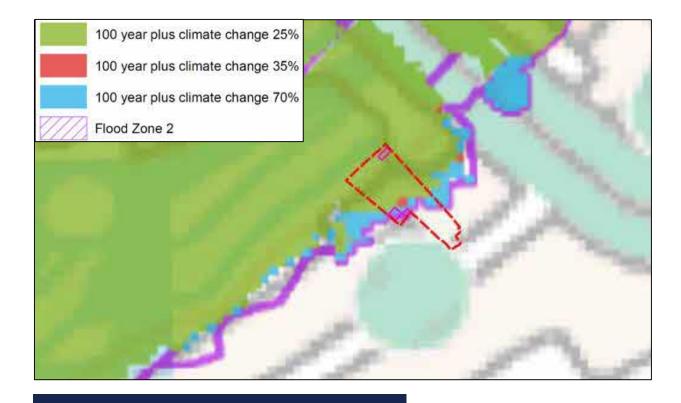


### SFRA Mapping









## Summary

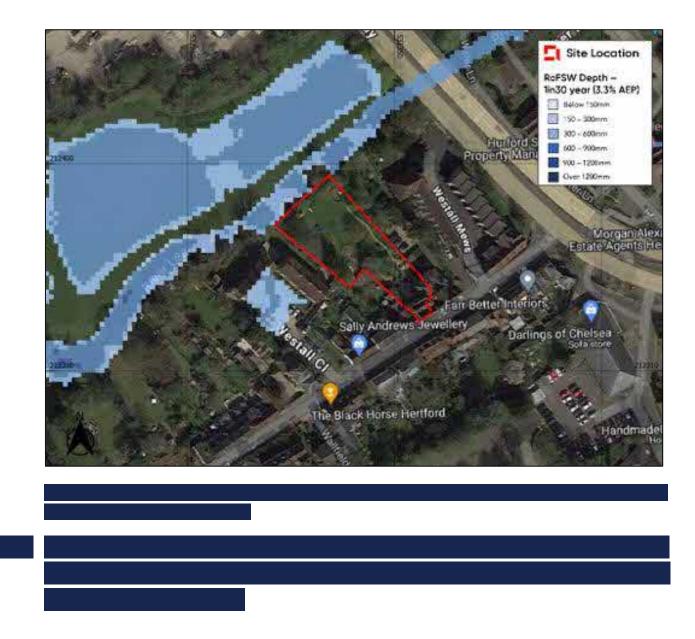
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Pluvial			

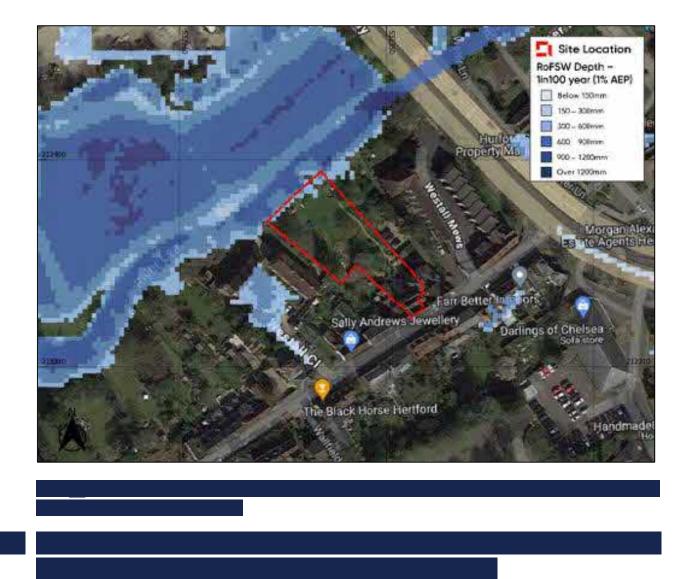




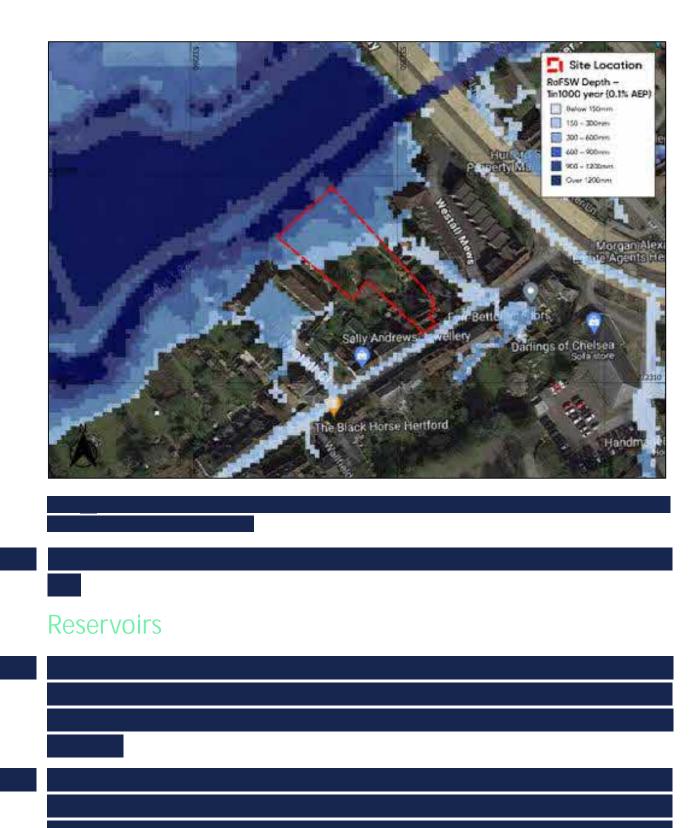




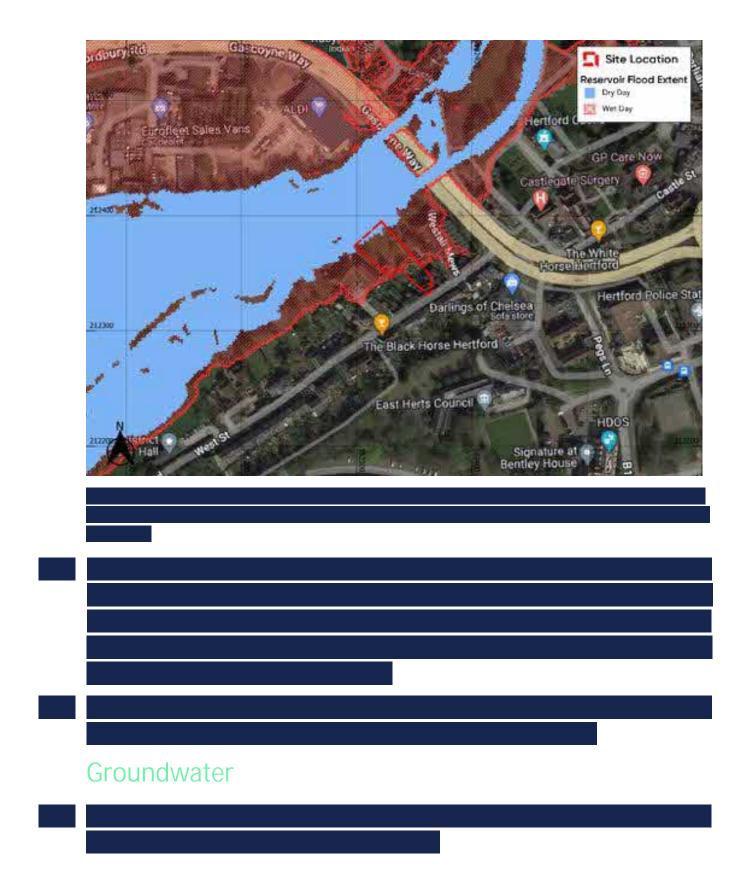




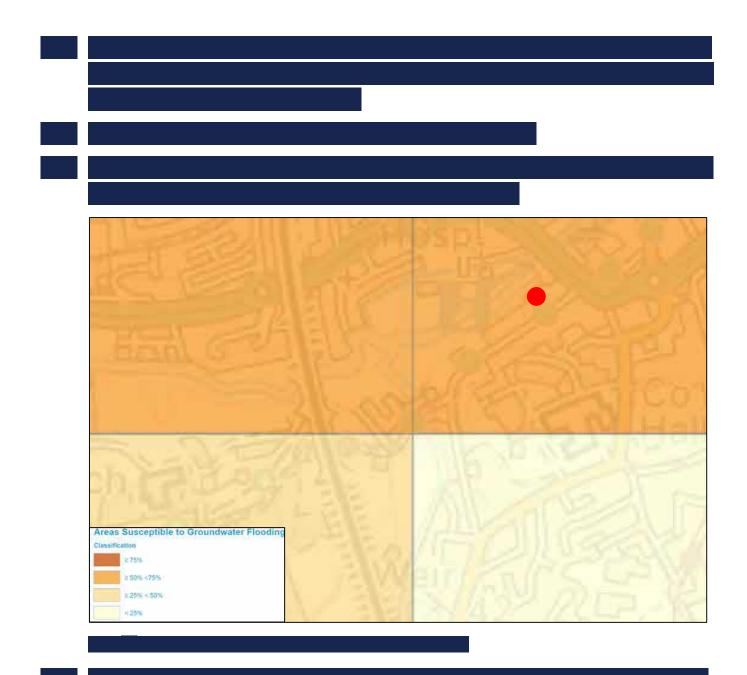












### Sewers







## 5. Flood Risk Mitigation

### Fluvial

Pluvial, Reservoirs, Groundwater and Sewers
Increase to Flood Risk Elsewhere



## 6. Conclusions

Source of Flooding	Flood Risk Summary





Appendix A - Development Proposals

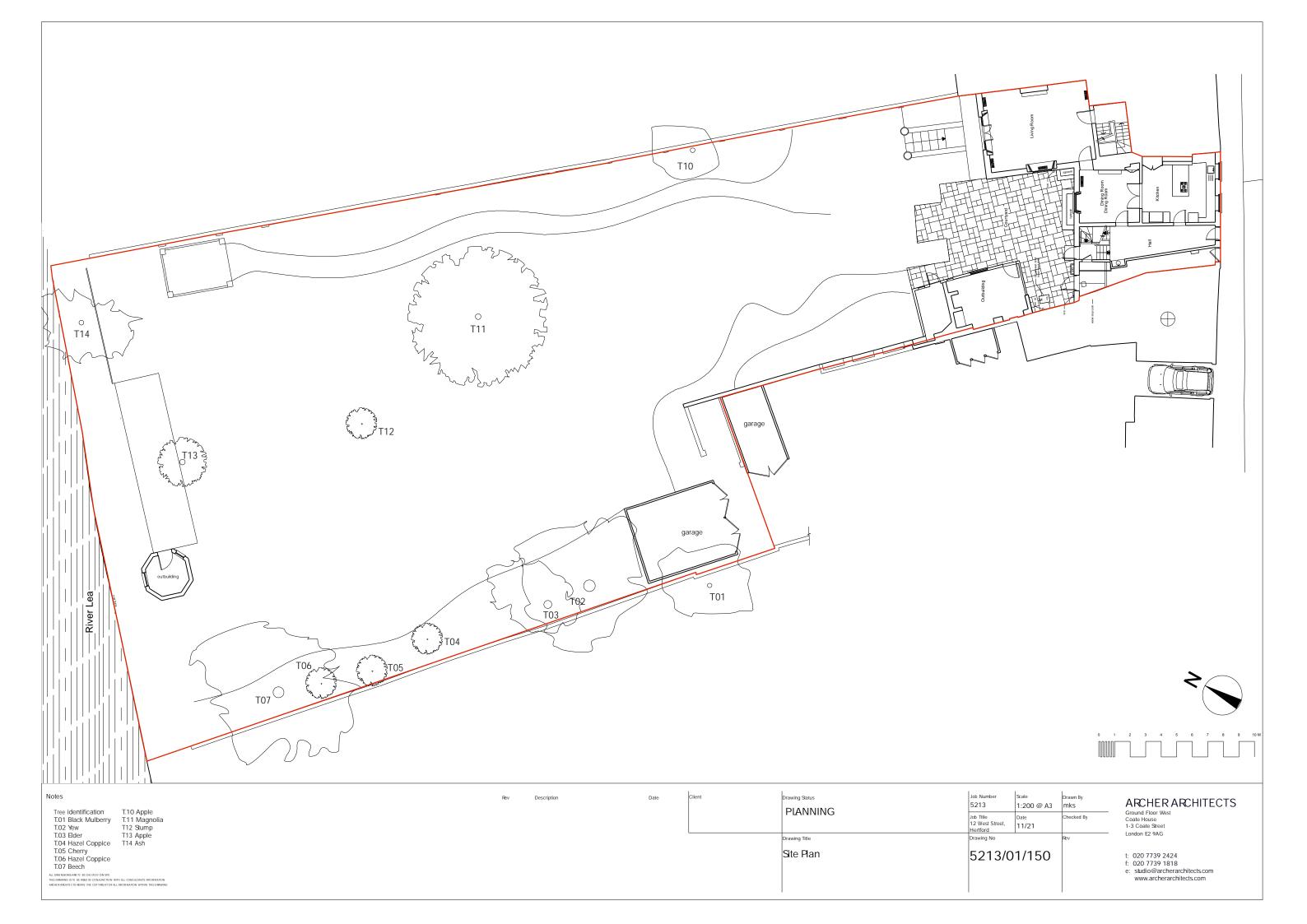




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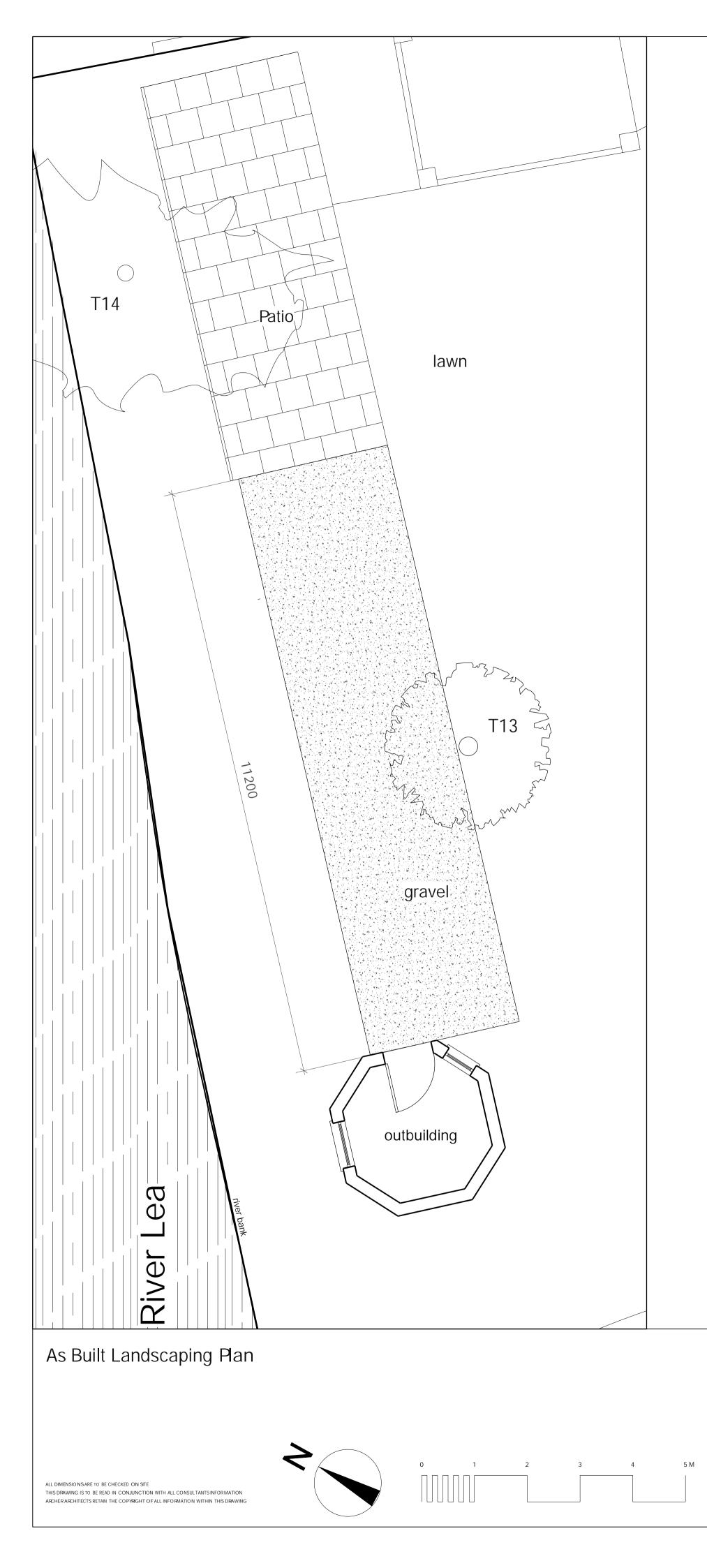
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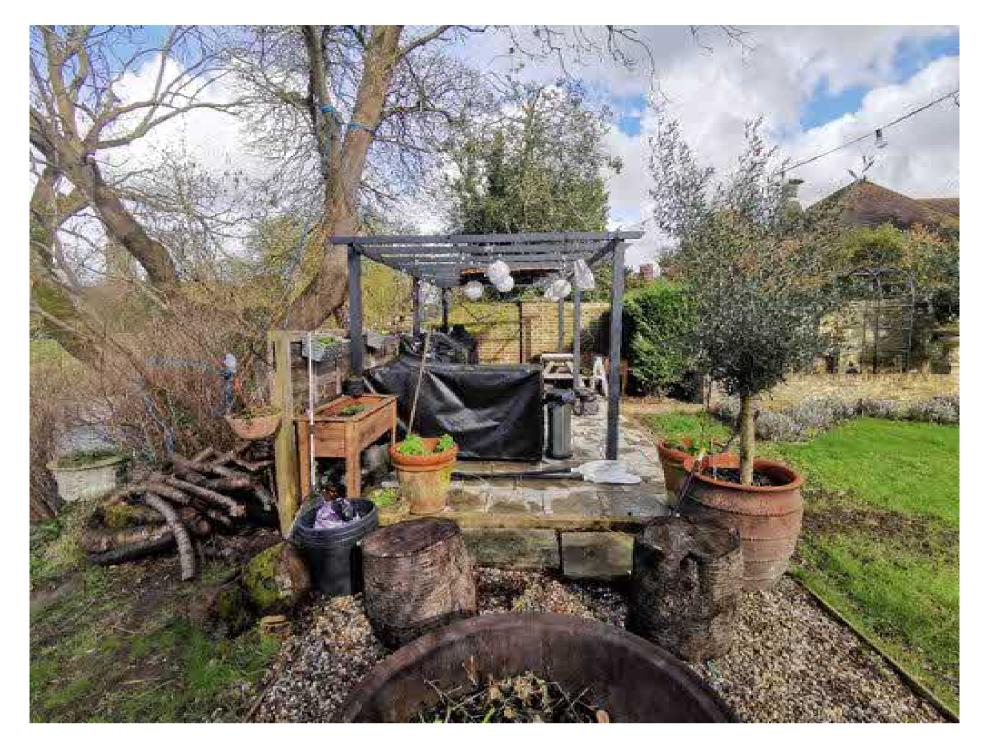
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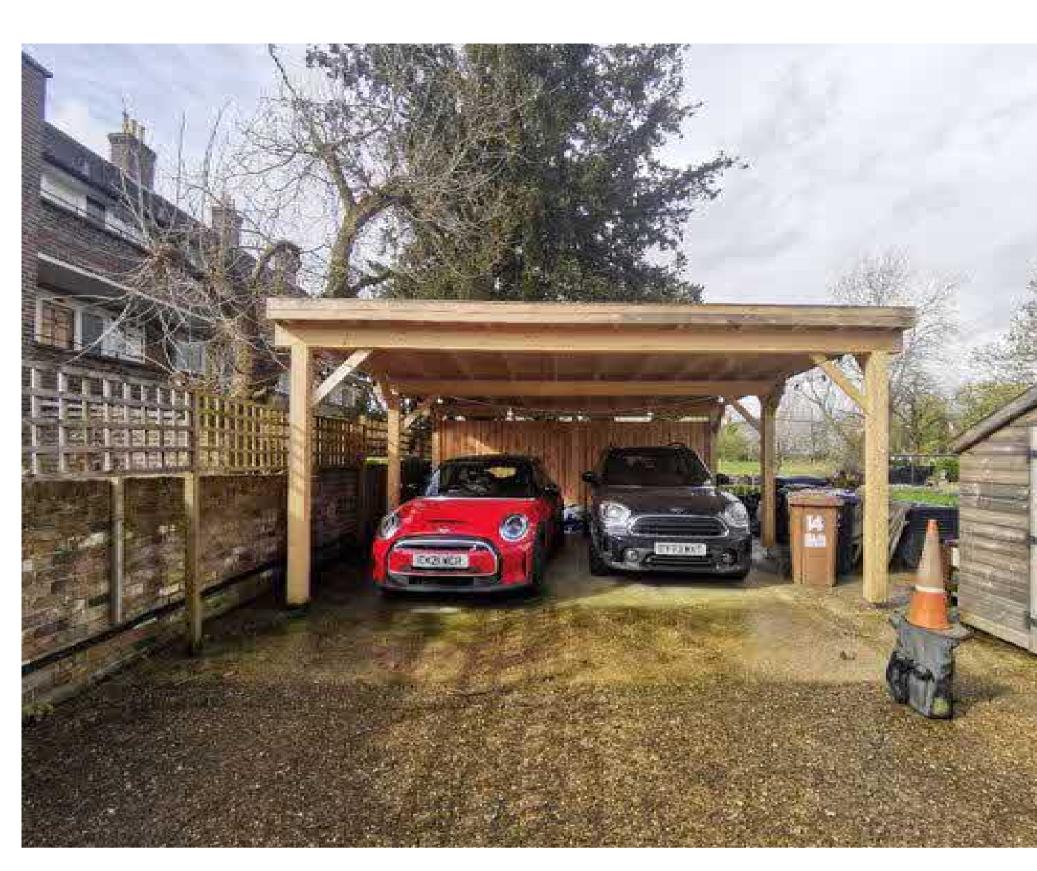
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Photos March 2024
Photos of area of hard landscaping at river bank
1. Shows context of listed garden pavilion to left with area of patio to right hand side, with a demountable gazebo currently erected on patio.
2. Shows area of patio with River Lea, visible to left. On patio an array of garden furniture and BBQ equipment with demountable gazebo currently erected on patio.
3. Shows area of patio with River Lea, visible beyond. On patio an array

3. Shows area of patio with River Lea, visible beyond. On patio an array of garden furniture and BBQ equipment with demountable gazebo currently erected on patio.

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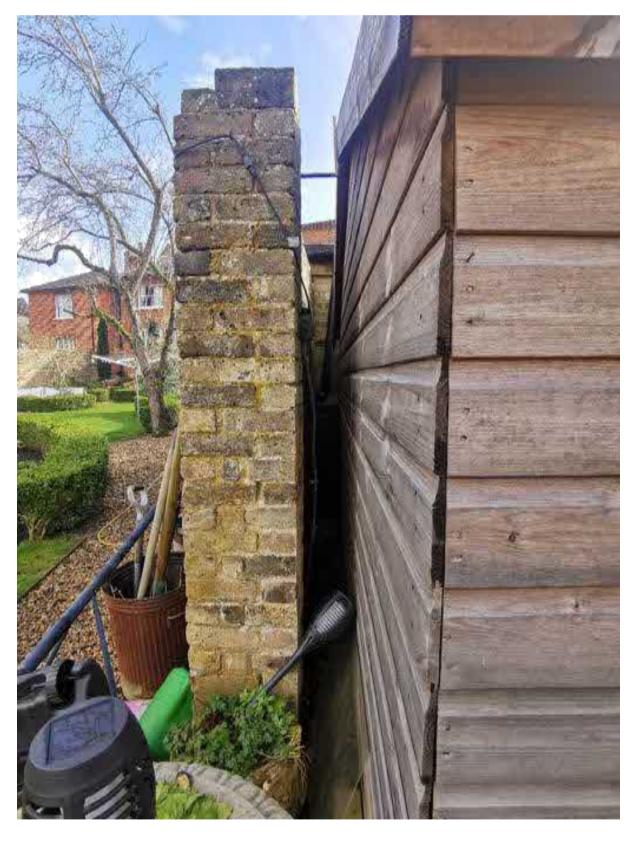
1.



3.



2.



### Photos

Photos of garage and surrounding hardstanding March 2024: 1. Front view of open car port to 12 West Street, concrete hard standing retained with new timber garden shed to right.

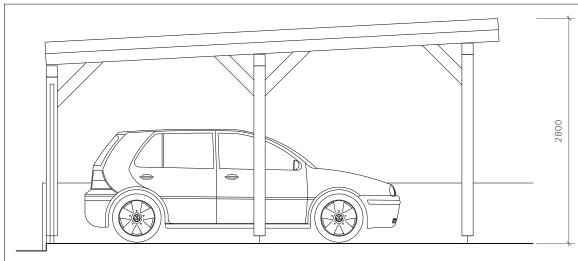
 Front view of new timber garden shed, brick garage to 14 West Street to right.

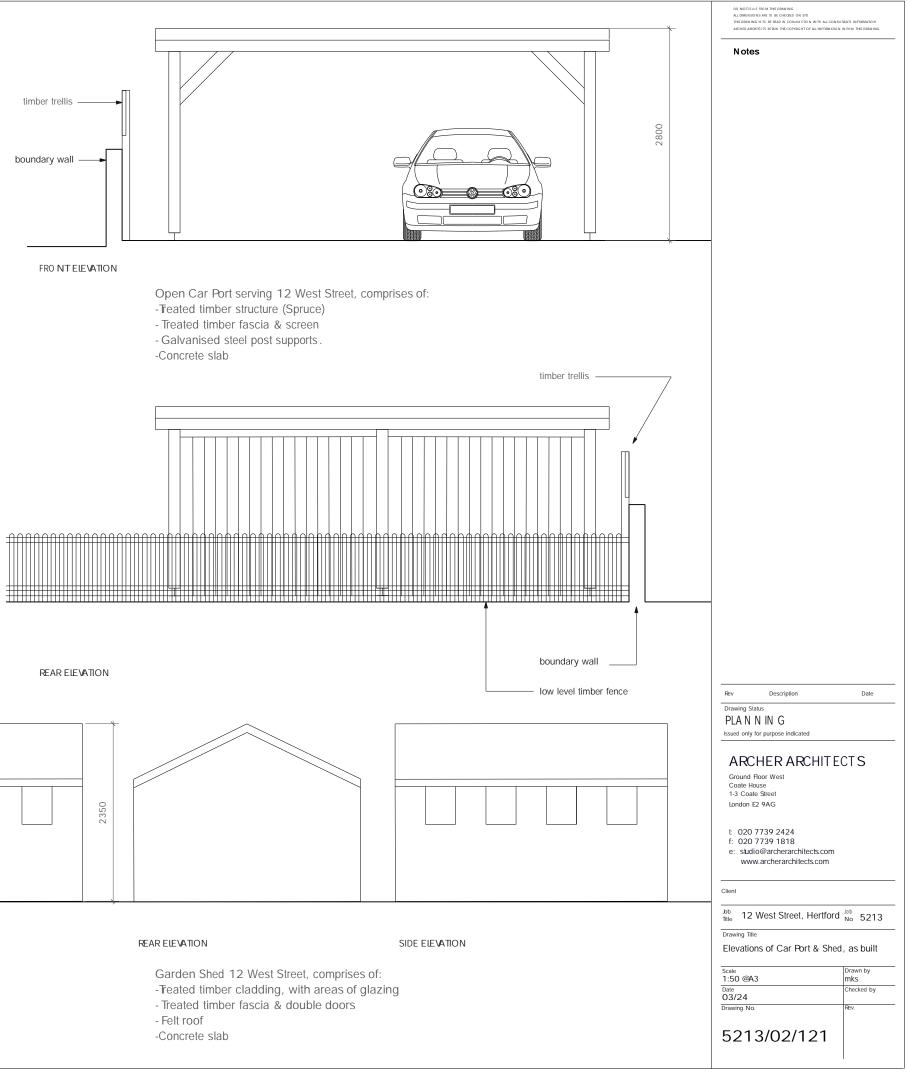
 Rear view of open car port to 12 West Street.

 View along rear of garden shed demonstrating no connection to existing brick boundary wall. ALL DIMENSIONSARE TO BE CHECKED ON STE THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONSULTANTS INFORMATION ARCHER ARCHITECTS RETAIN THE COPYRIGHT OF ALL INFORMATION WITHIN THIS DRAWING **Notes** 

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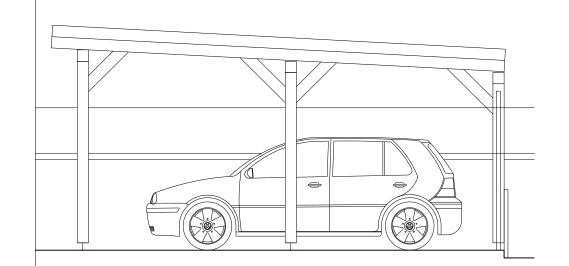
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f: 020 7739 1818
e: studio@archerarchitects.com www.archerarchitects.com Client Title 12 West Street, Hertford No 5213 Drawing Title Photos of Carport and Shed as built Drawn by mks <sub>Scale</sub> 1:50 @A3 Date 03/24 Drawing No. Checked by 5213/02/106

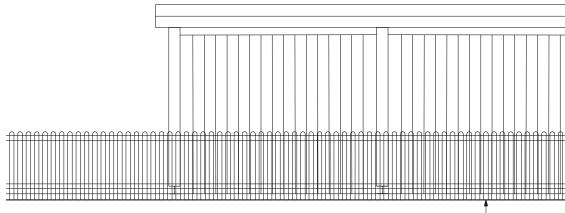




SIDE ELEVATION (LOOKING SOUTH WEST)







SIDE ELEVATION (LOOKING NO RTH EAST)

#### FRO NT ELEVATION

SIDE ELEVATION







2.

## Photos

Photos of garage and surrounding hardstanding December 2021: 1. View of double garage to 12 West Street, with adjacent brick garage of 14 West Street in foreground. Concrete paving slab hard standing with concrete slab beyond.

- 2. Front view of double garage to 12 West Street.
- 3. Rear view of double garage to 12 West Street.

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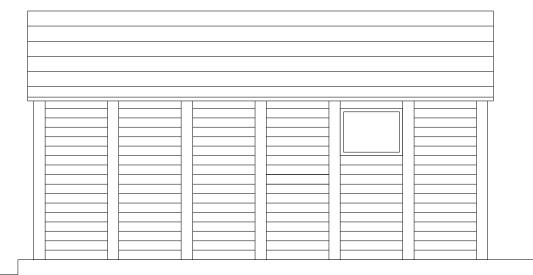
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Existing Photos of Garage

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#### SIDE ELEVATION (LOOKING SOUTH WEST)

#### FRO NT ELEVATION

Existing Garage serving 12 West Street, comprises of:

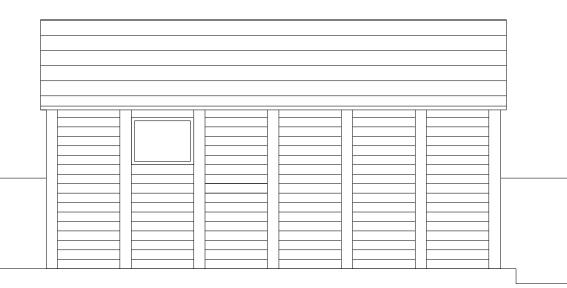
-Prefabricated concrete walls

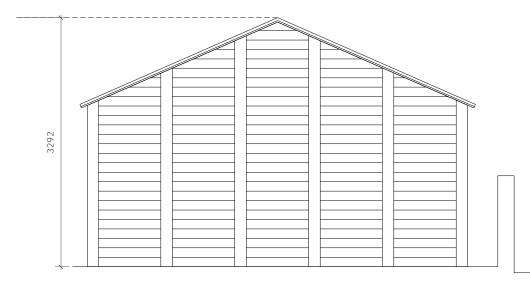
-Timber window Frames

-Timber garrage doors and over panel

-Corrugated asbestos roof

-Concrete slab





#### SIDE ELEVATION (LOOKING NORTH EAST)

#### REAR ELEVATION

4

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Client

 $\frac{J_{ob}}{Title}$  12 West Street, Hertford  $\frac{J_{ob}}{No}$  5213

#### Drawing Title

Existing Elevations of Garage

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