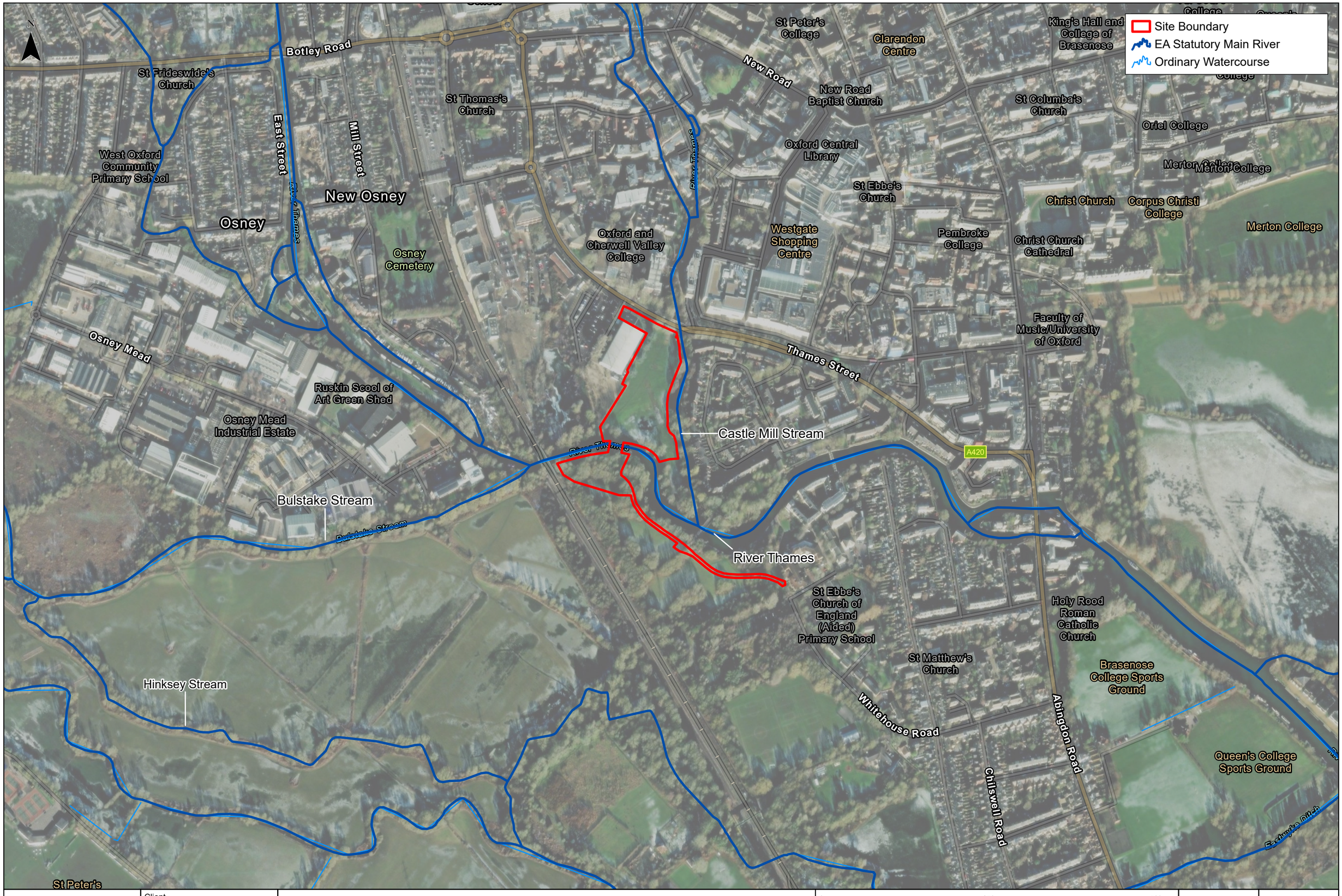


Stantec

Client: Balfour Beatty; Oxford City Council (www.oxford.gov.uk)

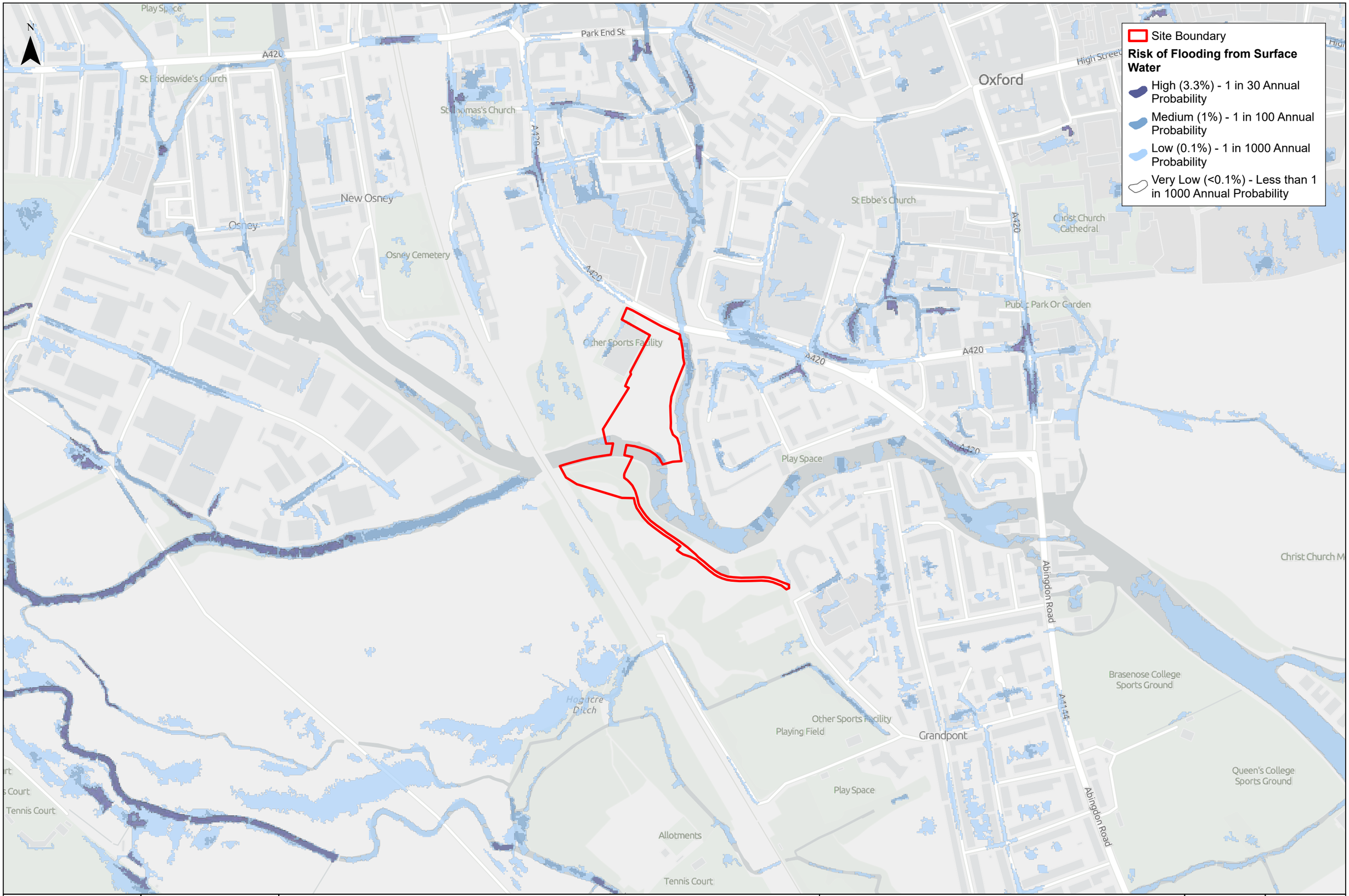
OXPENS RIVER BRIDGE

Watercourse Location

0 250 500 m

1:5,000 @ A3	Date: 09/06/2023
Drawn: ZW	Checked: RF
Figure: 04.1	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx



Stantec

Client

Balfour Beatty

OXPENS RIVER BRIDGE

EA Surface Water Flood Risk

0 250 500 m

Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack
Contains Environment Agency information © Environment Agency and database right.
Maps based on EA updated 'Flood Map for Surface Water' ('uFMfSW') released in 2013 as the latest iteration of a national scale surface water modelling exercise.

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 05	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx

Stantec

Client

Balfour Beatty

OXPENS RIVER BRIDGE

EA Surface Water Flood Risk - Depth
3.3 Percent Chance

0 250 500 m

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 05.1	Rev: A

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Client: Oxford City Council, Balfour Beatty

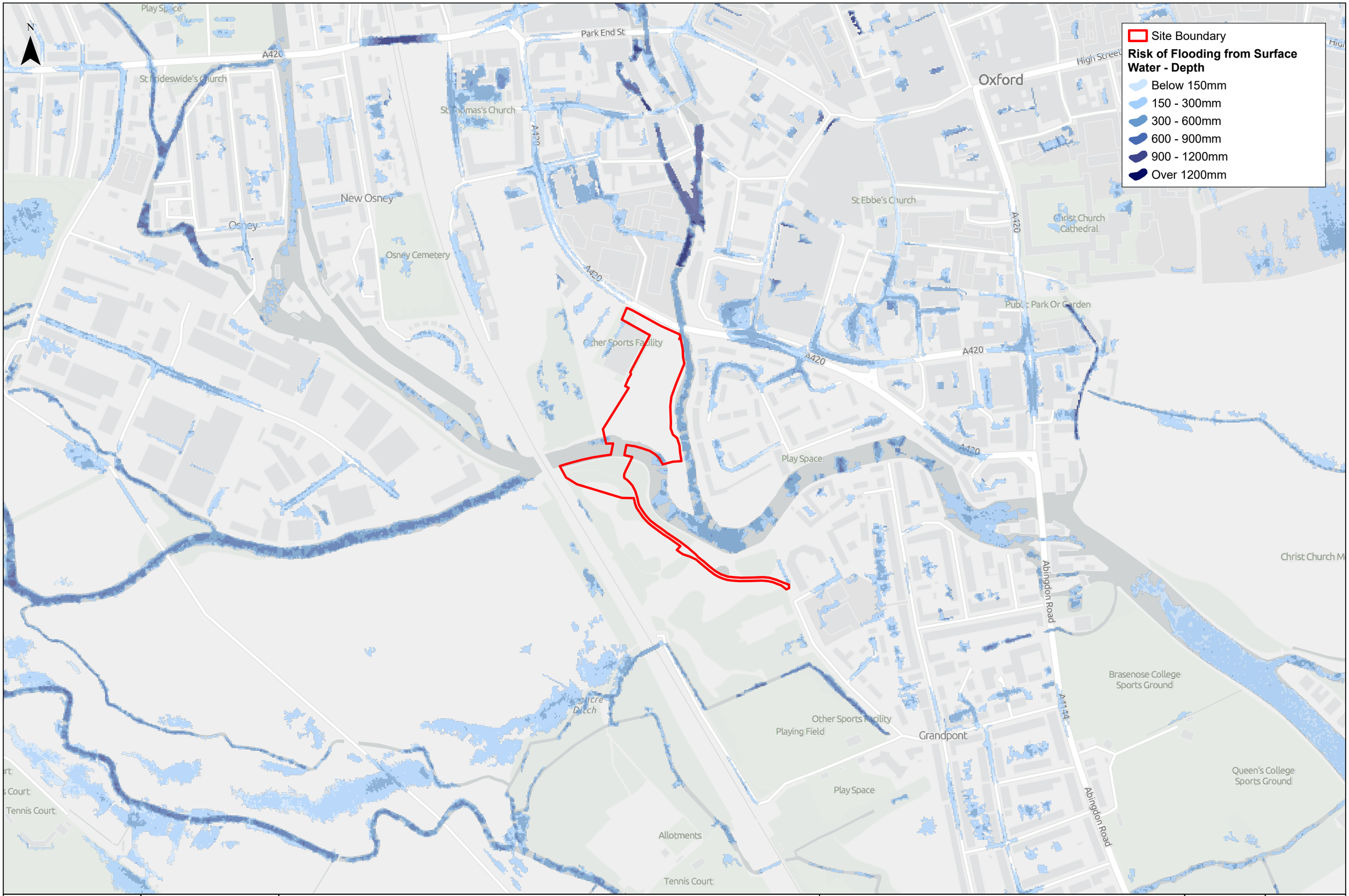
OXPENS RIVER BRIDGE

EA Surface Water Flood Risk - Depth
1.0 Percent Chance

0 250 500 m

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 05.2	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx



Stantec

Client: Oxford City Council, Balfour Beatty

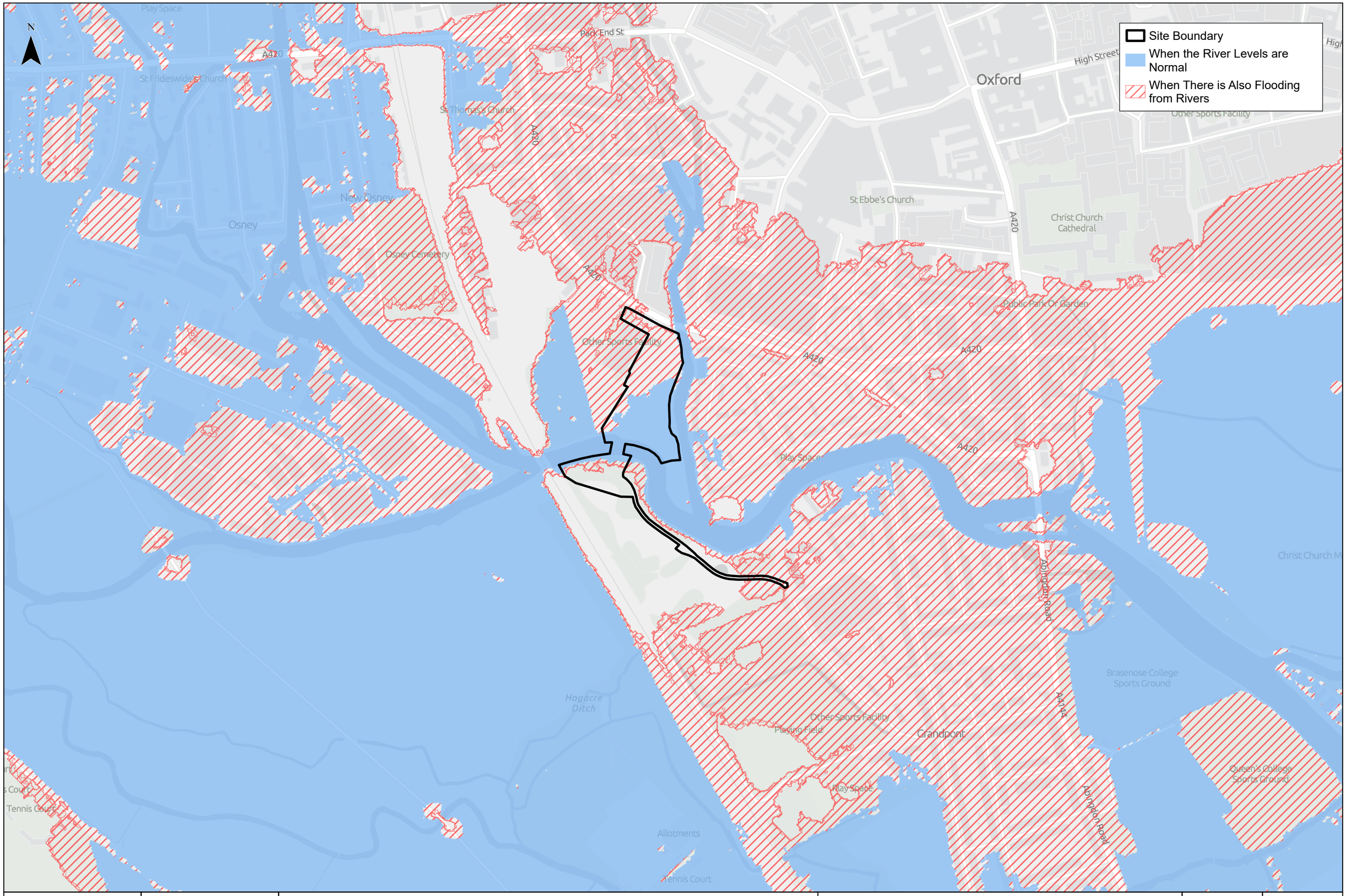
OXPENS RIVER BRIDGE

EA Surface Water Flood Risk - Depth
0.1 Percent Chance

0 250 500 m

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 05.3	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx



Stantec

Client

Balfour Beatty

OXPENS RIVER BRIDGE

Risk of Flooding from Reservoirs - Maximum Flood Extent

0 250 500 m

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 06	Rev: A

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OXFORD CITY COUNCIL www.oxford.gov.uk

Balfour Beatty

OXPENS RIVER BRIDGE

EA Ground Water Source Protection Zones

0 250 500 m

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 07	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx

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OXPENS RIVER BRIDGE

EA Recorded Historic Flood Extents

0 250 500 m

Historic Flood Map shows the maximum extent of all individual Recorded Flood Outlines from river, the sea and groundwater springs and shows areas of land that have previously been subject to flooding in England.
Recorded Flood Outlines shows all EA records of historic flooding from rivers, the sea, groundwater and surface water

1:5,000 @ A3	Date: 05/10/2023
Drawn: ZW	Checked: RF
Figure: 08	Rev: A

Document Path: C:\Users\zawang\OneDrive - Stantec\Documents\ArcGIS\Projects\332610335\332610335.aprx

Appendix B Topographic Survey

- Topographic survey of the site (Drawing reference 30702) undertaken by MK Surveys in January 2022

205750 N

205700 N

205650 N

205600 N

205550 N

450600 E

450650 E

NETWORK RAIL

NETWORK RAIL

Nos 81 - 86
GIBBS CRESCENT

OSNEY MARINA

OSNEY ONE BUILDING

RIVER THAMES

RIVER THAMES

BULSTAKE STREAM

CONCRETE SLIPWAY

LIMITED ACCESS
BOAT YARD

NO ACCESS
TO THIS AREA

NO ACCESS
TO THIS AREA

NO ACCESS
TO THIS AREA

SB14

SB21

SB22

SB23

SB3

S16

AZ1

AZ2

Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99963 APPLIED.
2. TREE AND HEDGE SPECIES HAVE BEEN IDENTIFIED AS ACCURATELY AS POSSIBLE BUT SHOULD BE CROSS CHECKED IN CRITICAL AREAS.

Coordinate Table

Station	Description	Easting	Northing	Level
S1	Road Nail	451034.532	205375.280	56.374
S2	Road Nail	451086.821	205400.549	56.939
S3	Hilti Nail	450914.462	205492.608	59.474
S4	Road Nail	450970.686	205487.379	55.962
S5	Hilti Nail	450922.661	205513.060	55.834
S6	Hilti Nail	450879.582	205537.362	56.004
S14	Hilti Nail	450859.911	205531.998	58.754
S16	Hilti Nail	450578.784	205647.152	56.025
S50	Road Nail	451076.088	205424.469	56.919
S59	Road Nail	450786.316	205612.417	57.444
S60	Road Nail	450822.434	205594.308	57.771
SB1	Road Nail	450697.023	205781.244	57.936
SB2	Road Nail	450663.596	205766.201	57.986
SB3	Road Nail	450679.901	205704.724	58.347
SB6	Road Nail	450759.887	205760.357	57.376
SB7	Hilti Nail	450821.730	205738.950	57.054
SB8	Road Nail	450798.059	205672.112	56.468
SB9	Road Nail	450750.972	205658.451	55.704
SB14	Road Nail	450617.351	205732.765	57.490
SB21	Road Nail	450608.435	205719.475	57.548
SB22	Road Nail	450629.252	205687.787	57.662
SB23	Road Nail	450655.915	205640.722	55.911
AZ1	Road Nail	450626.854	205621.148	56.037
AZ2	Road Nail	450661.595	205610.842	56.010

TOPOGRAPHICAL KEY

SURVEY STATION, BANKING (TOP / BOTTOM), HEDGE SPREADS, WOODLAND CANOPY, ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS, TREES (SPREAD & GIRTH SHOWN TO SCALE), GATE, KERB CHANNEL, ROAD UNKERBED, FOOTPATH, CHANGE IN SURFACE, FENCE, WALL, OVERHEAD ELECTRIC, OVERHEAD TELECOM, FOUL SEWER, SURFACE SEWER, P-TRAP, BACK DROP (EXTERNAL), BACK DROP (INTERNAL), BUILDING, OPEN SIDED BUILDING, OVERHANG / CANOPY, GLASSHOUSE, CONTOUR, SPOT LEVEL, SONAR LEVEL, BORE HOLE, TRIAL HOLE

GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU
AIR VALVE	AV
AVERAGE	Av.
BACK DROP	BD
BASE LEVEL	BL
BELISHA BEACON	BB
BOLLARD	BO
BOLLARD LIGHT	BOL
BRICK	BK
BUS STOP	BS
CABLE RISER	CR
CABLE TV COVER	CATV
CABLES TO GROUND	CTG
CATCH PIT	GP
CONTROL BOX	CB
COVER LEVEL	CL
CROSSING CONTROL BUTTON	CCB
DAMP PROOF COURSE	DPC
DRAINAGE CHANNEL	DCH
DROP KERB	DK
ELECTRICITY POLE	EP
EARTH ROD	ER
FIRE HYDRANT	FH
FLOOR LEVEL	FL
FOOTPATH	FP
FOUL WATER	FW
GAS RISER	GR
GAS VALVE	GV
GULLY	GY
HARD BED	HB
INSPECTION COVER	IC
INVERT LEVEL	IL
KERB OUTLET	KO
LAMP POST	LP
MANHOLE	MH
MARKER POST	MK
METER	MT
NO PIPES VISIBLE	NPV
ORDNANCE SURVEY BENCH MARK	OSBM
P-TRAP	PT
POST	PO
POST BOX	P.BOX
RODDING EYE	RE
ROAD SIGN	RS
RAIN WATER PIPE	RWP
RETAINING WALL	RW
SOFT BED	SB
STOP COCK	SC
STREET NAME PLATE	SNP
STOP VALVE	SV
SOIL PIPE	SP
SOIL VENT PIPE	SVP
SURFACE WATER	SW
TACTILE PAVING	TAC
TELECOM POLE	TP
TELECOM INSPECTION COVER	TEL
TELEPHONE CALL BOX	TCB
TICKET MACHINE	TM
TOP OF WALL	TOW
TRAFFIC LIGHT	TL
TRAFFIC LIGHT COVER	TLC
THRESHOLD LEVEL	THL
UNABLE TO LOCATE	UTL
UNABLE TO RAISE	UTR
UNABLE TO SURVEY	UTS
VENT PIPE	VP
WATER LEVEL	WL
WATER METER	WM
WASH OUT	WO
WATER RISER	WR
WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	I/R
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	L/L
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	C/I	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	C/L	WIRE MESH FENCE	W/M
CHESTNUT PALING	CNP		

Sheet Layout: (Not to Scale)

Revision	Description	Surv. by	Check. by	Appr. by	Date

0m 2 4 6 8 10 12 14 16 18 20 22

Topographical Survey

Client:

OXFORD CITY COUNCIL

Oxpens River Bridge &
Osney Path Works Schemes
Oxford
Oxfordshire

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	1	January 2022

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
30722	-	MKS	AJ	JS

mksurveys

www.mksurveys.com www.surveys4bim.co.uk
Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk