

HS2 Phase 1 Heritage sub-group Progress update Central section Enabling Works HERDS

Fusion JV (Morgan Sindall Infrastructure BAM Nuttall Ltd and
Ferrovial Agroman)

15 September 2020 – online meeting

Post excavation analysis, publication and archives

Post excavation assessment

Process from desk study to post excavation assessment

Mitigation:

1. Area Excavation
2. Monitoring and CIR
3. Preservation by design

Trench and test pit evaluations – evidence based site selection

No data areas – further surveys to test some negative areas

Routewide assessments

Geo-archaeological evaluation: Holocene
Alluvial and Pleistocene catchments

Woodland and parish boundary
evaluations

Remote sensing: Lidar; hyperspectral; magnetometry

Baseline: Desk study (AP's; soils; geotechnical; PAS; HER; RRS & Engalid data)

Design progress

From evaluation to Post Excavation Assessment reporting (PXA)



- Developing mitigation designs in response to construction impacts
- Access roads; compounds; landscaping; temporary stockpiles
- Land at Illets Farm (A43, C23) withdrawn from land required for construction
- Mitigation area designs being developed and reviewed at regular meetings with stakeholders
- Detailed programme being developed with archaeology contractors and main works teams
- Key milestones: complete site evaluations end 2020
- Develop mitigation designs and deliver archaeology recording works by end 2021 very early 2022
- PXA ongoing as sites completed to feed into Phase 1 route wide post excavation analysis

Site evaluation

LPA	Sector	Completed	In Progress	Mobilising	Grand Total	Progress
GLA/Bucks /Herts	C1	9	2		11	81.82%
Bucks	C2S	12	1	3	16	75.00%
Bucks	C2CNTRL	5	2	4	11	45.45%
Bucks	C2CLVRT	3		4	7	42.86%
Bucks/S Nhants	C23	17	3	6	26	65.38%
N'hants/W arks	C3	23	6	10	39	58.97%
	Grand Total	69	14	27	110	62.73%
	Interventions	3782			5643	67.02%

Archaeological recording

LPA	In					Progress
	Sector	Completed	Progress	Mobilising	Total	
GLA/Bucks/ Herts	C1	7		4	11	63.64%
Bucks	C2S	6	14		20	30.00%
Bucks	C2CNTRL		2	6	8	0.00%
Bucks	C2CLVRT		2	1	3	0.00%
Bucks/S Nhants	C23			7	7	0.00%
N'hants/Warks	C3	1	1	8	10	10.00%
	Grand Total	14	19	26	59	23.73%

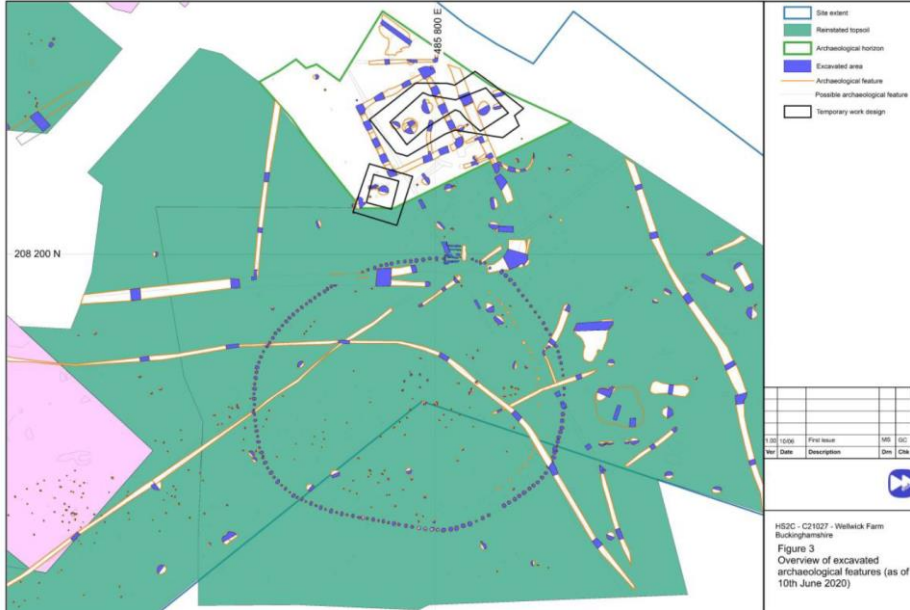
Progress routewide packages

- **Geophysical surveys – complete**
- **Palaeoenvironmental evaluations – project plan complete – surveys being procured for Oct 2020 start**
- **Woodland test pits surveys – Oct-Dec 2020**
- **Parish Boundary investigations – Oct-Dec 2020**
- **Testing no data negative evidence – test pit surveys Oct 2020- Feb 2021**

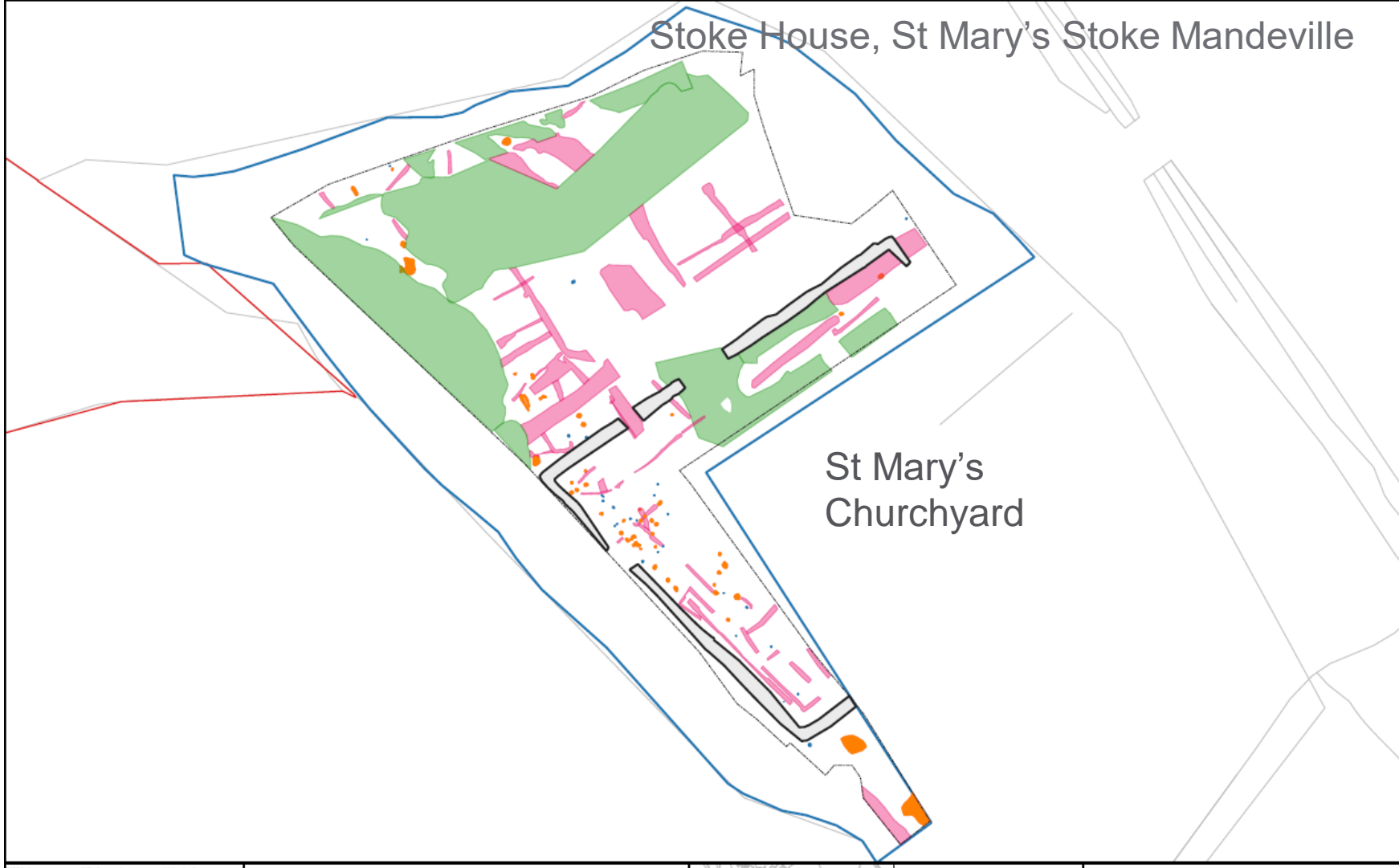
Mitigation works

**WORK IN PROGRESS –
DRAFT RESULTS**

Wellwick Farm, Wendover

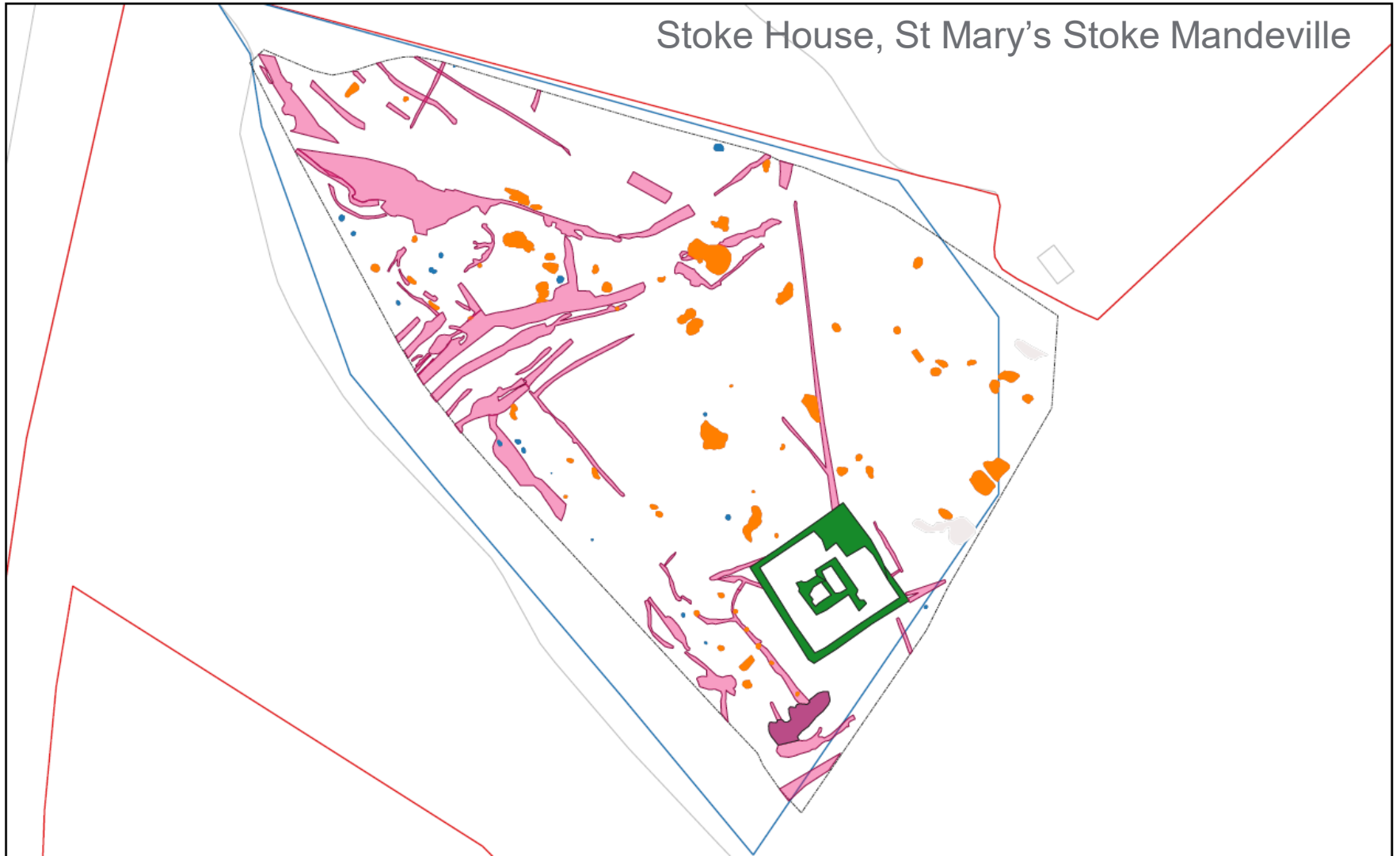


Stoke House, St Mary's Stoke Mandeville



St Mary's
Churchyard

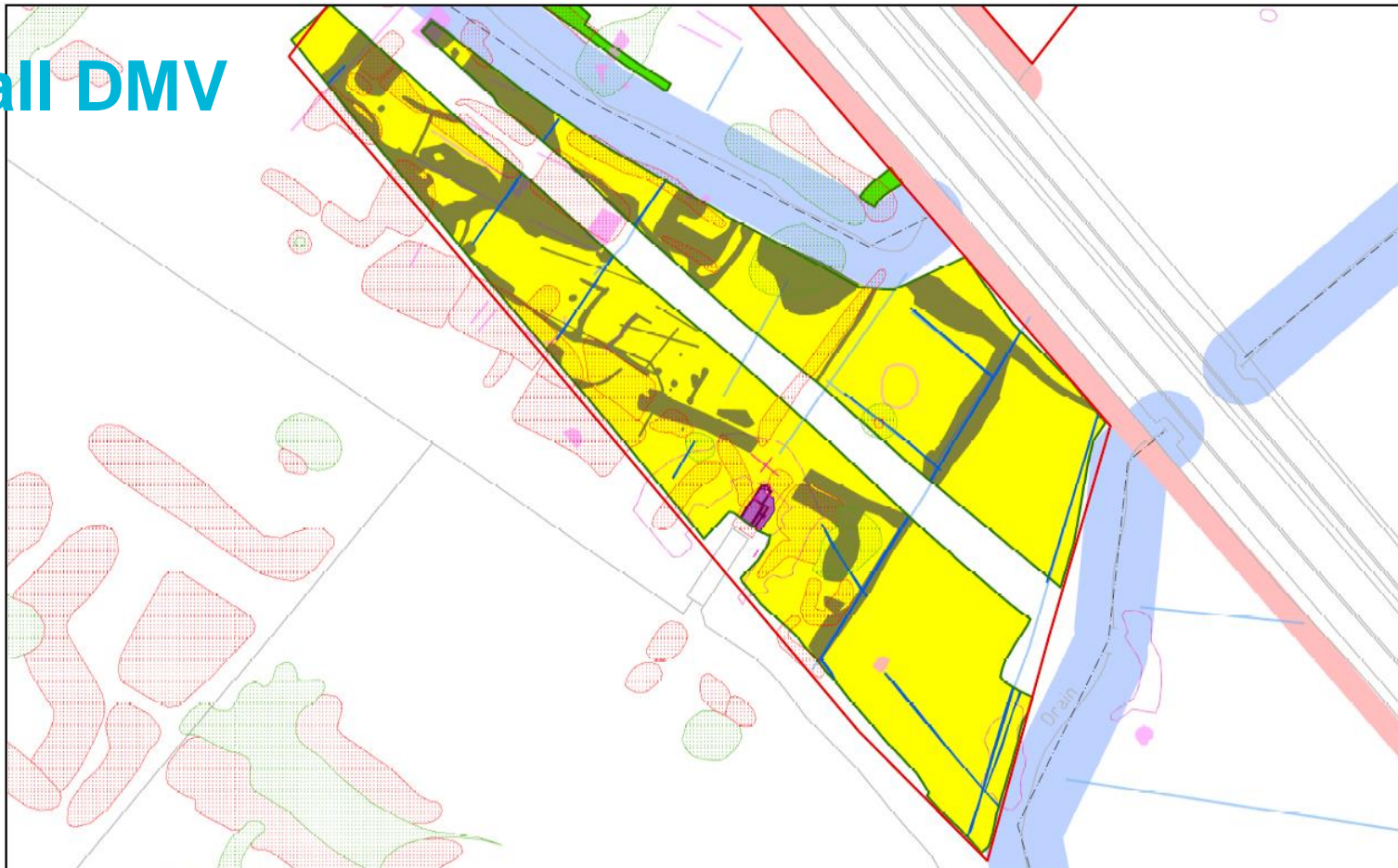
Stoke House, St Mary's Stoke Mandeville





Stoke House, St Mary's Stoke Mandeville

Doddershall DMV



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Legend	
	Dite Boundary
	Ditched area
	Layer
	Area stripped to natural (previous weeks)
	Area stripped to natural (24-28.08.2020)
	Pre-exc survey
	Water buffer
	Drain
	Ferrous
	Archaeology
	AP Interpretation
	Bank
	Structure
	Ditch
	Geophysics
	DURFACE
	Bank-rails

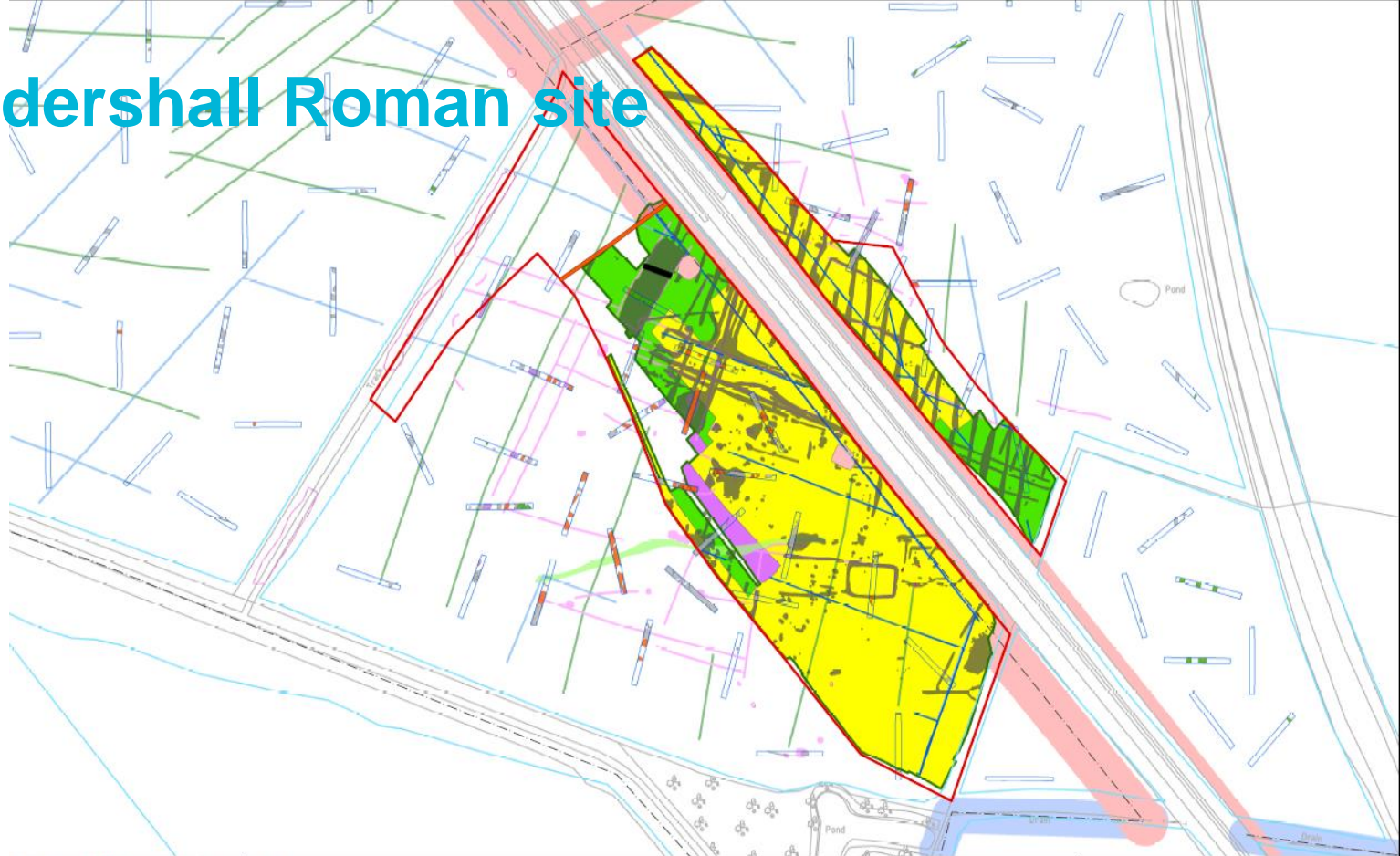
High Speed Two
MK0235
Fig. 3



Scale at A3: 1:700



Doddershall Roman site



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Legend	
Dite Boundary	MEDIEVAL
Stripped area	UNCERTAIN
End of strip	Pre-exc survey
Area stripped to subsoil (previous weeks)	Water buffer
Area stripped to natural (previous weeks)	Constraints
Area stripped to subsoil (24-28.08.2020)	IRON AGE
Area stripped to natural (24-28.08.2020)	ROMAN
Machine dug sondage through the feature	AP Interpretation
Field drain	Extant ridge and furrow
Eral trenches	Geology
Eral trenches	Ridge and Furrow
Water buffer	Ferosus
Constraints	Archaeology
IRON AGE	Geology
ROMAN	Geophysics
AP Interpretation	Archaeology
Extant ridge and furrow	
Geology	
Geophysics	
Archaeology	

High Speed Two
MK0235
Fig. 2
Internal

Scale at A3: 1:1,500

Meters

Date: 04/09/20

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C3 Blackgrounds – Roman Villa



C3 Wormleighton – Boddington Cutting

Area 4 – Banjo enclosure- LBA-EIA

