Existing Permeable and Impermeable Areas Key:

	Impermeable Roof	958.0 m²	= 0.0958 ha
	Impermeable Hard standing	119.2 m²	= 0.0119 ha
	Permeable Hardstanding	3464.6 m²	= 0.3465 ha
	Permeable Landscaping	31711.7 m²	= 3.1712 ha
	Total Site Area	36253.5 m²	= 3.6254 ha

NOTES:

1. DO NOT SCALE – Use figured dimensions only.
2. All dimensions shown are in millimetres unless otherwise stated.
3. All levels are in metres above ordnance datum unless otherwise stated.
4. The Contractor is to verify all dimensions on site before commencing work.
5. This drawing is to be read in conjunction with all Engineers and Architects drawings.
6. Site investigation indicates CBR 2%.
7. Site investigation indicates infiltration rate is 0.5688 m/hr
8. All surface water inspection chambers to have 300mm silt trap sump.
9. All surface water drainage pipes to be 150mm diameter.
10. Surface water drainage pipes to be laid at a gradient no less than 1:150.
11. All foul water drainage pipes to be 100mm diameter.
12. All foul water drainage pipes to be laid at a gradient no less than 1:80.
13. No foul drainage pipes or manholes to be located within the SuDS pervious paving area.
14. Foul water pipes can pass underneath the SuDS pervious paving area.
15. Exceedance flow paths identified with blue arrows.
16. SuDS to be maintained in accordance with maintenance schedules for each SuDS type.
17. SuDS to be maintained by property owners.

Sports Pitches and MUGA
SuDS Infiltration Basin
CL 97.600m
IL 97.200m
Dp 0.400m including
100mm freeboard

SWMH

SWMH

SWMH

Extent of 6m high ball stop fencing comprising powder coated (green) aluminium fence posts and rot proof, UV treated netting.

Extent of 6m high ball stop fencing comprising powder coated (green) aluminium fence posts and rot proof, UV treated netting.

Pitch One to drain to SuDS infiltration basin

Pitch Two to drain to SuDS infiltration basin

MUGA to drain to
SuDS infiltration basin

Pavilion Soakaway:
10.5 x 5.0 x 0.8m.
Min. Volume
39.9m³

Permeable Gravel
Access Road

Access Road and Parking
SuDS Pervious Paving
Sub-base depth 0.555m

Access Road and Parking
SuDS Pervious Paving
Sub-base depth 0.555m

Access Road and Parking
SuDS Pervious Paving
Sub-base depth 0.555m

Permeable Gravel
Access Road

RWP

3 yards runoff

2 yards spectator area

MUGA floodlights

3m runoff

53 overflow carpark spaces

75 yard cricket circle

110x70 yards
Over 18 and Adult Football

Wicket

Hedge/Trees retained

Hedge/Trees retained

Milton Road

Path

New surfaced footpath, min. 2m wide located within existing grass verge

Wallin Road

7

Parking allowance: 79 spaces + 9 disabled
Edge of existing vegetation margin as per topo survey - shrubs/trees indicative only.

Balancing Pond

Client: Adderbury Parish Council	Project: Proposed Recreation Ground, Milton Road, Adderbury, Banbury OX15 FEDS-220021	Title: Sustainable Drainage System Design – Outline Planning Stage Proposed Site Layout	Drawn by : AK Date: 19.02.20 Checked by: DKP Scale: 1:500 Size: A1 Dwg.no: 220021-002 Rev: A

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