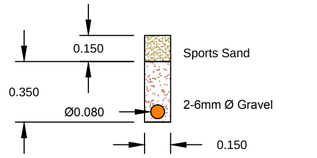
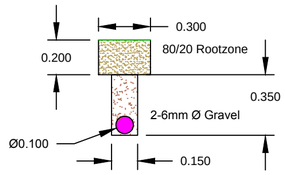
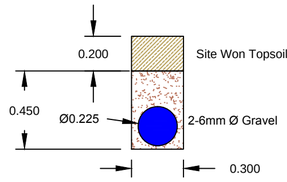


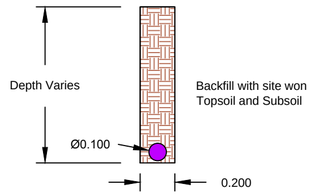
80mm Ø Lateral (Perforated Plastic Pipe)



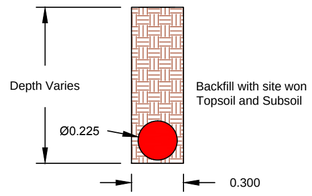
100mm Ø French Drain (Perforated Plastic Pipe)



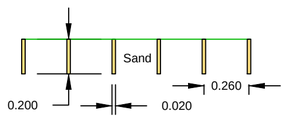
225mm Ø Twin Walled Collector
600mm Depth



100mm Ø Solid Twin Walled Carrier



225mm Ø Solid Twin Walled Carrier



Sand Grooves @ 26cm Intervals

Notes :

1) Background mapping and Site Layout taken from drawing 705-PL03 RevB *"Proposed Sports Pavilion"* by Arcadia Arcitectural.

2) Existing Levels taken from drawing 4451NOLS-01 *"Topographical Survey"* by Survey Solutions.

3) Car Park / Road drainage and detail taken from drawing 3005-03A*"Proposed Pavilion Drainage"* by MTC Engineering.

4) Detention Pond Earthworks
Cut = 254m³
Fill = 0m³
Net = 254m³ (Material to be removed)

5) The detention basin has capacity to retain 127m³ of water.

Revisions				
Rev	Date	Description	Drawn By	Checked By
1	09/12/2022	Car Park / Road drainage detail (by others) added.	OM	AV
2	12/12/2022	Car Park / Road drainage detail (by others) revised. Drainage amended to tie in with road drainage.	OM	AV
3	16/01/2023	Hydrobrake restriction amended to 3.5 l sec.	OM	AV

Legend

- Existing Levels - 50cm Intervals
- Existing Sewer (Indicative Only)
- Indicative Works Compound
- Indicative Football Pitch
- Indicative 3m Safety Margin
- 80mm Ø Laterals @ 4m Intervals
- 100mm Ø French Drain
- 225mm Ø Collector
- 100mm Ø Solid Twin Walled Carrier
- 225mm Ø Solid Twin Walled Carrier
- Indicative Sand Grooves @ 26cm Intervals
- Inspection Chamber
- Inspection Chamber / Hydrobrake (3.5 l sec)
- Headwall
- Detention Basin - Base Level 11.50m
- Detention Basin - 1:3 to 1:5 Slopes
- Top of Bank Level 12.30m
- Detention Basin 20cm Contours

Drawing Status

Design

INDICATIVE ONLY

GROUNDS MANAGEMENT ASSOCIATION

Grounds Management Association
28 Stratford Office
Village Walker Avenue
Wolverton Mill
East Milton Keynes
MK12 5TW
Tel: 01908 312511

PROJECT

Land South of Newton Road

Job No.	GMA0930.32
Scale	1:750@ A2
Drawn By	OM
Date	7th November 2022
Consultant	Alex Vickers

CLIENT

Haddenham PC

Drainage Design

DRAWING No.

GMA0930.32-1 Rev3

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