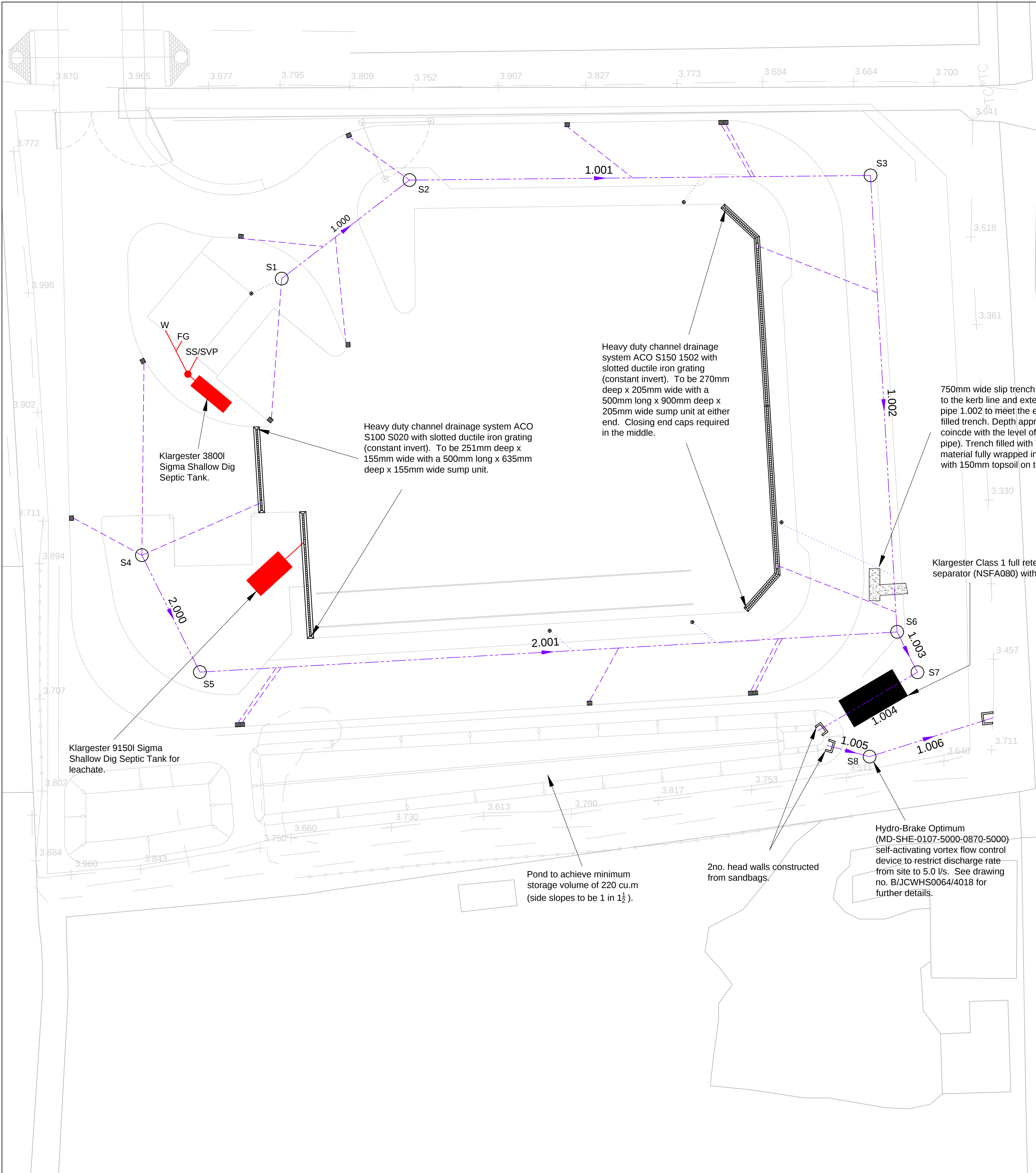




MANHOLE SCHEDULE

Ref.	Design Group	Size (mm)	Cover & frame	Cover level (m)	MH depth (m)	Sump (m)	Invert level (m)		
							Pipe in		Pipe out
S1	M4	1200	C250	4.050	1.190	N/A	-	-	S1.000 2.860
S2	M4	1200	C250	3.900	1.203	N/A	S1.000	2.772	S1.001 2.697
S3	M7	1350	C250	3.450	1.007	N/A	S1.001	2.518	S1.002 2.443
S4	M4	1200	C250	3.850	0.935	N/A	-	-	S2.000 2.915
S5	M4	1200	C250	3.755	0.912	N/A	S2.000	2.843	S2.001 2.843
S6	M7	1350	C250	3.500	1.190	N/A	S1.002 S2.001	2.310 2.460	S1.003 2.310
S7	M7C	1350	C250	3.650	1.353	0.30	S1.003	2.297	S1.004 2.297
S8	M4	1200	C250	3.650	1.070	N/A	S1.005	2.580	S1.006 2.580

PIPE SCHEDULE

Ref.	Upstream manhole	Downstream manhole	Pipe size (mm)	Upstream invert level (m)	Downstream invert level (m)	Length (m)	Slope (1:X)
S1.000	S1	S2	225	2.860	2.772	15.041	170.9
S1.001	S2	S3	300	2.697	2.518	42.966	240.0
S1.002	S3	S6	375	2.443	2.310	42.621	320.0
S2.000	S4	S5	225	2.915	2.843	15.368	213.4
S2.001	S5	S6	225	2.843	2.460	61.642	160.9
S1.003	S6	S7	375	2.310	2.297	4.207	325.0
S1.004	S7	Pond	375	2.297	2.259	10.640	280.0
S1.005	Pond	S8	150	2.609	2.580	4.048	139.6
S1.006	S8	Outfall	150	2.580	2.500	12.045	150.0

X-Refs & Blocks used in this Drawing
x-osbase (cropped)
x-survey (2d)
x-general arrangement (final) (grey) AB
x-drainage layout AB IW

Key

- Type G7 trapped plastic road gully to typical detail TD7/5/1. Grating and frame Class D400.
- Circular precast concrete manhole to typical detail TD7/5/12. For further details refer to manhole schedule below.
- 475mm Ø polypropylene inspection chamber to BS7158:2001. With 150mm concrete (ST4) bed and surround. 225mm thick concrete (ST4) slab provided (projecting 300mm past sides) for mounting Class C250 cover and frame.
- Precast concrete outfall unit (unless otherwise stated). Outfall includes a flap valve.
- Connection from rainwater pipes.
- 100mm Ø plastic foul sewer pipe with bed and surround type as appropriate.
- Plastic surface water carrier pipe. For diameter and bed and surround type refer to the pipe schedule below.
- 150mm Ø plastic pipe with bed and surround type as appropriate.
- 100mm Ø plastic pipe with bed and surround type as appropriate.
- W Waste pipe
- FG Floor gully
- SS/SVP Stub stack/Soil vent pipe

Notes

- All main carrier pipes to have Type Z bed and surround as per detail shown on drawing no. B/JCWHS0064/4018.
- For gully laterals bed and surround refer to drawing no. B/JCWHS0064/4018.

WORK IN PROGRESS

LIVE WORKING DRAWING CURRENTLY UNDER AMENDMENT AND SUBJECT TO UNRECORDED CHANGES PRIOR TO APPROVAL. DO NOT ISSUE THIS DRAWING

Drawing Status: AS BUILT

Revision: Description: Amendment Details

Drawn by: IRW Date: 1st Approval by: Date:

Client: WASTE OPERATIONS

Description: BOURNE HWRC DRAINAGE LAYOUT (COLOUR) SITE

Drawing Number: B/JCWHS0064 /4017 Revision Number: 1 of 1

Scale: (@A1) Primary: 1:200 Secondary: (Do not scale from this drawing)

ENVIRONMENTAL SERVICES ENVIRONMENT & ECONOMY DIRECTORATE WITHIN PARK HOUSE WATERSIDE SOUTH LINCOLN LN6 7JN Customer Service Centre: (01522) 782070

Lincolnshire County Council

LINCOLNSHIRE COUNTY COUNCIL - Reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. OS Licence 100029270 2008