



**NOTES**

1. All pipework to be standard strength vitrified clay to BSEN295 or PVC-U to BS4680 or similar & approved
2. Bedding to pipes to be Class S granular bed & surround in accordance with BS882
3. Pipes to have concrete protection where depth of cover under concrete apron and access road is less than 1200mm.
4. All pipework to be laid soffit to soffit at manholes and inspection chambers unless stated otherwise
5. Manholes to be precast concrete 1050mm diameter to BSEN1917:2002
6. Inspection chambers to be 450mm internal diameter polypropylene from Hepworth range or similar and approved
7. Gullies to concrete hardstanding & access road to be precast concrete 375mm diameter with heavy duty ductile iron grate & frame or similar and approved
8. Access gullies to rainwater pipes to buildings (future phases) to be vitrified clay Hepworth range type S53/1 or similar & approved
9. All connections from road gullies & rainwater pipes (to buildings to future phases) to be 150mm diameter & 100mm diameter respectively
10. Gully connections to be surrounded in concrete 150mm thick
11. Connections to be made to existing foul & surface water manholes located in hammerhead in Griffin Close are to be carried out to the satisfaction of the local authority/sewage undertaker
12. The invert levels at these manholes to be determined by the Contractor before any work commences on site
13. Interceptor to recycling bays (P1-1) to be a Class 1 bypass separator type NSBD003 as manufactured by Kiergestor Environmental Limited, Aylesbury, Buckinghamshire, or similar & approved
14. Interceptor to concrete hardstanding (P1-2) to be a Class 1 bypass type NSBD006 from Kiergestor or similar & approved
15. Below ground clean water storage tank to be constructed using 2100mm diameter precast concrete rings with a storage capacity of approximately 10m<sup>3</sup> - i.e. 3m below incoming and outgoing pipes

**GENERAL:**

1. THE DRAWINGS ARE COPYRIGHT AND MUST NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MASON CLARK ASSOCIATES.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. **DO NOT SCALE THE DRAWINGS - IF IN DOUBT ASK.**
4. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO MASON CLARK ASSOCIATES.
5. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH LOCAL AUTHORITY STATUTORY REGULATIONS AND HEALTH & SAFETY REQUIREMENTS AND REGULATIONS.
6. THE DRAWINGS SHALL BE READ IN ACCORDANCE WITH ALL OTHER CONTRACT DOCUMENTS RELEVANT AT THAT TIME OF ISSUE AND DURING THE PERIOD OF THE CONTRACT.
7. THE CONTRACTOR MUST ENSURE THE OVERALL STABILITY OF THE WORKS IS ADEQUATE AT ALL STAGES OF THE CONSTRUCTION.
8. NO ALLOWANCE HAS BEEN MADE FOR CUTOUTS, HOLES NOTCHES ETC. FOR SERVICES. ALL OF THESE ARE TO BE AGREED PRIOR TO COMMENCEMENT OF THE WORKS.

REV	DETAILS	BY	DATE
AB1	AS BUILT	SC	05/12/08
P5	Position of FWMH's		25/07/07
P4	Additional Storage Tanks		10/07/07
P3	STORAGE TANK ALTER	MF	09/07/07
P2	Preliminary issue	MF	25/01/07
P1	Preliminary issue	MF	23/10/06

**CLIENT:**  
 MASON CLARK ASSOCIATES  
 CONSULTING ENGINEERS  
 CHURCH HOUSE  
 44 NEWLAND PARK  
 HULL HU5 2DW  
 TEL : (01482) 349797  
 FAX : (01482) 345413

**PROJECT:**  
 Proposed waste transfer station

**TITLE:**  
 Proposed foul & surface water drainage layout  
 Phase 1

**Drawing Status: As Built**

Drawn: MF	Date: Oct 06
Checked: JC	Date: Oct 06
Scale: 1:200	

Drawing No : J2842-04 Rev: AB1