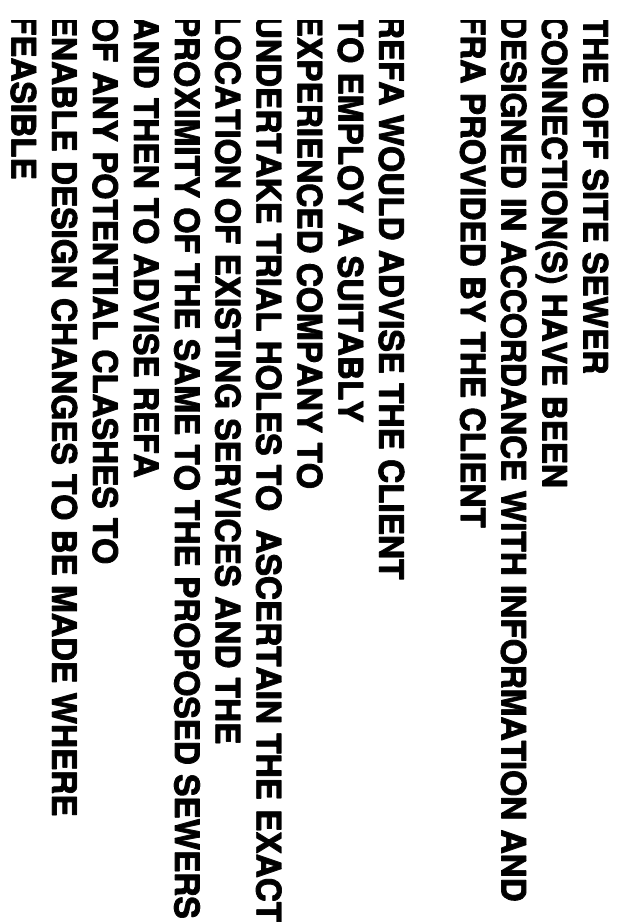




REFEA WILL NOT BE HELD RESPONSIBLE FOR ANY ABORTIVE WORKS IF THIS PROCEDURE IS NOT FOLLOWED

REFEA WOULD ADVISE THE CLIENT THAT A DETAILED OFF SITE SURVEY SHOULD BE UNDERTAKEN AT THE EARLIEST OPPORTUNITY TO ENABLE THE FEASIBILITY DRAWINGS TO BE UPDATED WITH ACCURATE INFORMATION

OF PARTICULAR IMPORTANCE ARE :-

- DUE TO LACK OF AVAILABLE INFORMATION ON SEWER RECORDS AND SURVEY IN RELATION TO EXISTING SEWER NETWORK IT IS IMPERATIVE THAT WHERE INVERT LEVELS HAVE BEEN ASSUMED OR INTERPOLATED THESE ARE VERIFIED AS CORRECT BY CLIENT / CONTRACTOR PRIOR TO ANY CONSTRUCTION WORKS TAKING PLACE. REFA ACCEPT NO RESPONSIBILITY FOR THE ACCURACY OF SEWER RECORD INFORMATION OR SURVEY INFORMATION.
- ANY DISCREPANCIES ARE TO BE REPORTED TO REFA TO ENABLE DESIGNS TO BE CHECKED AND IDENTIFY AS NECESSARY



ATTENUATION TO CATER FOR EVENTS UP TO AND INCLUDING 1%AEP + 30% CC IN ATTENUATION BASIN SUBJECT TO DETAILED DESIGN

THE PIPE DIAMETERS AND GRADIENTS SHOWN ARE FOR GUIDANCE ONLY AND MAY BE SUBJECT TO CHANGE AT DETAILED DESIGN STAGE

1. **GENERAL**
 1. All equipment, signs and associated works are to be installed in accordance with the current edition of the Traffic Signs for Adoption. Thelation dated August 2012.
2. All highway works to be to defendable standards and in accordance with the Local Authority specification.
3. All private drainage works are to comply fully with part 8 of the Building Regulations.
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to K&A. A detailed survey information provided by clients.
5. All materials to meet the national BS/ENmark and comply fully with the specification.
6. All concrete & concrete products must use suitable residual cement (unless the site investigation report proves that sulphate attack is not a problem).
7. All option notices etc. as required under highways etc. are to be obtained prior to commencement of works.
8. All works are to be inspected by LTA, NRCO or relevant their Authority as applicable.

COMPLIANCE 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section DM 15/1, and residual risks that may be encountered in the construction of these works. Where possible risks have been anticipated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design.

We would also respectfully remind the Client of his responsibilities under the Highway Act 1980, and that only competent Contractors who have a valid safety policy are employed.

They should also provide satisfactory responses at tender stage so to the manner in which they will deal with the element of risk involved in this type of work and in particular those highlighted by R&A below:-

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent pedestrians and vehicles falling into excavations.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Underpinning to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedures to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present.
10. The need to allow for all the services, cables or underground pipes of relevant tunnelling contractors to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to the safety of the public and the general public, or conflict on any item please contact BEFA.

A	Revision details	
B	ATTENUATION BASINS 1 PLACE OF GEODELL INNOVATIVE FLUID LEVELS ADDED	GWH 12587
C	TO UPDATED PLANNING LAYOUT P12	GWH 26281
D	TO UPDATED PLANNING LAYOUT P15	GWH 26281
E	CENTRAL AREA ATTENUATION COMBINED	GWH 26281
F	STAGES REVERTED TO SUIT	GWH 26281
G	TO PLANNING REV K	GWH 12588

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Drawing Stage		Drawing Status	
● Draft			Tender
Issued	● Information		Construction
	Approval		As Built

**ANWYL CONSTRUCTION
BELLWAY HOMES**

Job title
**GRESFORD ROAD
LLAY**

**DRAINAGE FEASIBILITY
DRG 3 OF 7**

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CONSULTING ENGINEERS

GEOTECHNICAL • ENVIRONMENTAL

Date	Scale	Drawn
11/17	1/500	Chun

DRAWING No	17040/06/3	Rev	G
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