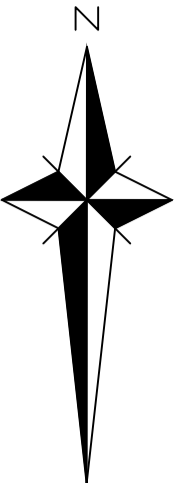
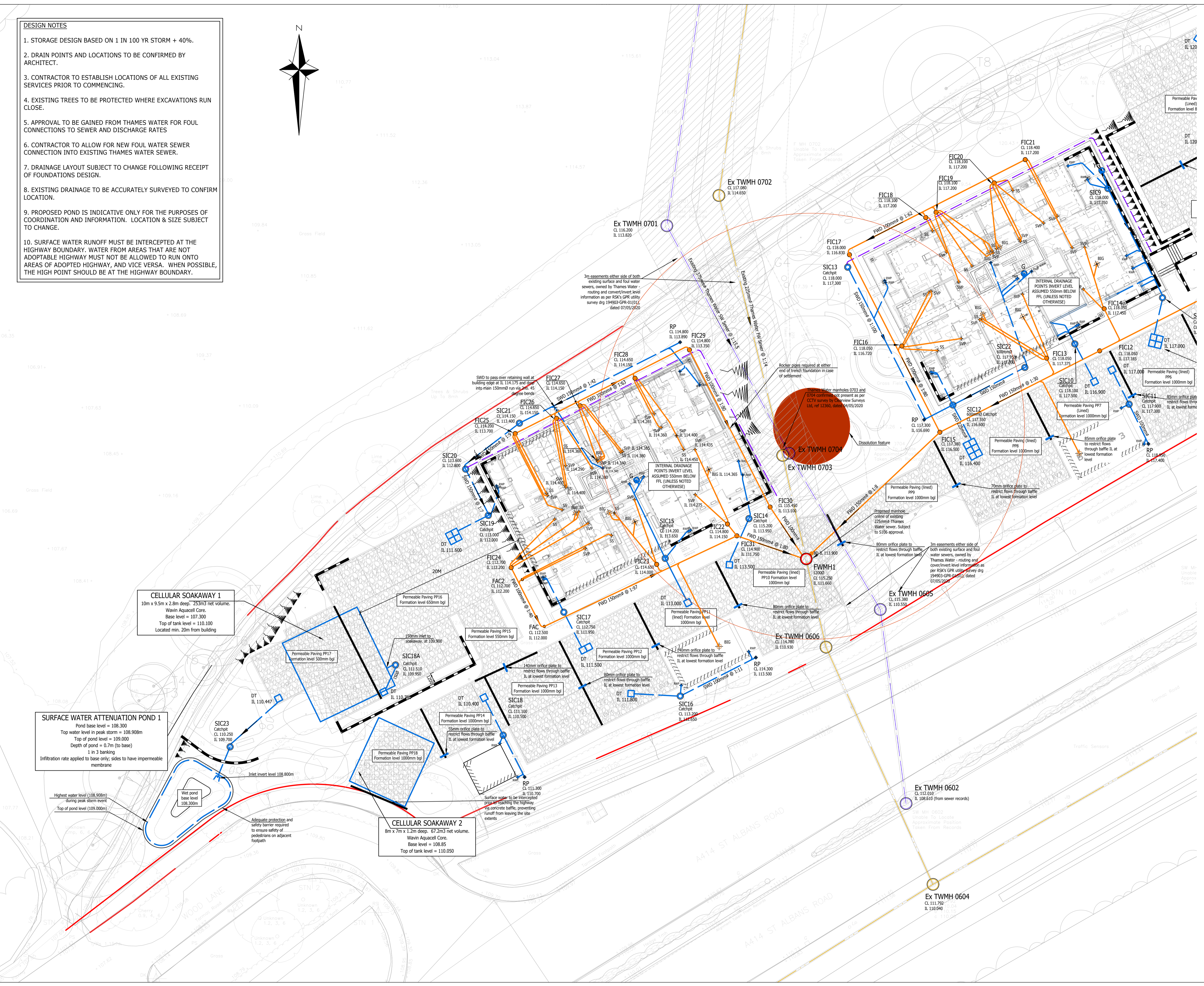
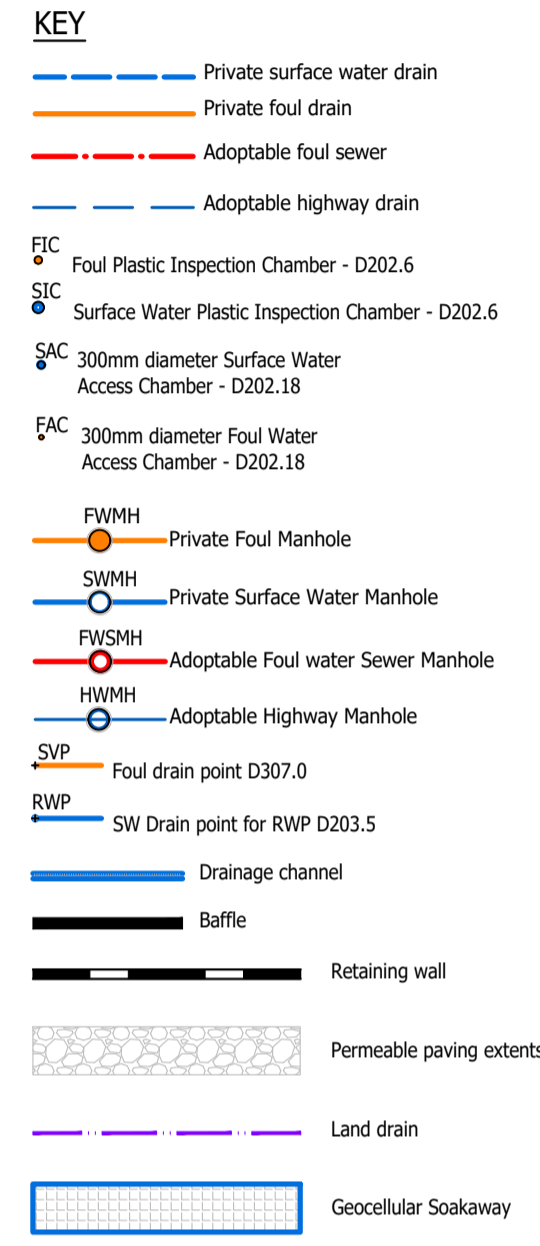


- DESIGN NOTES**
1. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
  2. DRAIN POINTS AND LOCATIONS TO BE CONFIRMED BY ARCHITECT.
  3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
  4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
  5. APPROVAL TO BE GAINED FROM THAMES WATER FOR FOUL CONNECTIONS TO SEWER AND DISCHARGE RATES.
  6. CONTRACTOR TO ALLOW FOR NEW FOUL WATER SEWER CONNECTION INTO EXISTING THAMES WATER SEWER.
  7. DRAINAGE LAYOUT SUBJECT TO CHANGE FOLLOWING RECEIPT OF FOUNDATIONS DESIGN.
  8. EXISTING DRAINAGE TO BE ACCURATELY SURVEYED TO CONFIRM LOCATION.
  9. PROPOSED POND IS INDICATIVE ONLY FOR THE PURPOSES OF COORDINATION AND INFORMATION. LOCATION & SIZE SUBJECT TO CHANGE.
  10. SURFACE WATER RUNOFF MUST BE INTERCEPTED AT THE HIGHWAY BOUNDARY. WATER FROM AREAS THAT ARE NOT ADOPTABLE HIGHWAY MUST NOT BE ALLOWED TO RUN ONTO AREAS OF ADOPTED HIGHWAY, AND VICE VERSA. WHEN POSSIBLE, THE HIGH POINT SHOULD BE AT THE HIGHWAY BOUNDARY.



- GENERAL NOTES**
1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
  2. Tender or billing drawings shall not be used for construction or the ordering of materials.
  3. Do not scale. All dimensions and levels to be site confirmed.
  4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
  5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
  6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk. gta hold no responsibility for resulting abortive works or costs.



**CELLULOSE SOAKAWAY 1**  
 10m x 9.5m x 2.8m deep. 253m<sup>3</sup> net volume.  
 Wavin Aquacell Core.  
 Base level = 107.300  
 Top of tank level = 110.100  
 Located min. 20m from building

**SURFACE WATER ATTENUATION POND 1**  
 Pond base level = 108.300  
 Top water level in peak storm = 108.908m  
 Top of pond level = 109.000  
 Depth of pond = 0.7m (to base)  
 1 in 3 banking  
 Infiltration rate applied to base only; sides to have impermeable membrane

**CELLULOSE SOAKAWAY 2**  
 8m x 7m x 1.2m deep. 67.2m<sup>3</sup> net volume.  
 Wavin Aquacell Core.  
 Base level = 108.85  
 Top of tank level = 110.050

Rev	Amendments	Date	Dsn	Chk
T6	Drainage revised due to dissolution features	16/08/22	TB	NS
T5	Updated to latest foundations	03/08/22	TB	NS
T4	Note added	20/07/22	TB	NS
T3	Manhole references added	08/07/22	TB	NS
T2	Updated to revised building setting out	16/05/22	TB	NS
T1	Issued for tender	24/03/22	TB	NS
P6	TW sewer info and location revised. MHS moved into soft landscaping areas.	22/03/22	TB	NS
P5	Attenuation pond revised as per comments	15/02/22	TB	NS
P4	Attenuation pond added at Client's request	04/02/22	TB	NS
P3	Further drainage connections added	02/02/22	TB	NS
P2	Revised to latest road design	19/01/22	TB	MR
P1	First issue - for comment	11/01/22	TB	MR

Status: **TENDER**

Client: **Gravity Consulting Engineers**

Architect: **AHR**

Project: **Paradise Fields, Land at Turners Hill Hemel Hempstead**

Title: **Drainage Layout Sheet 1**

Date: Jan 2022	Scale @ A1: 1:200
Client's Ref:	Project Ref: 11716

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Drawing Number: 11716-1600	Rev: T6
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