

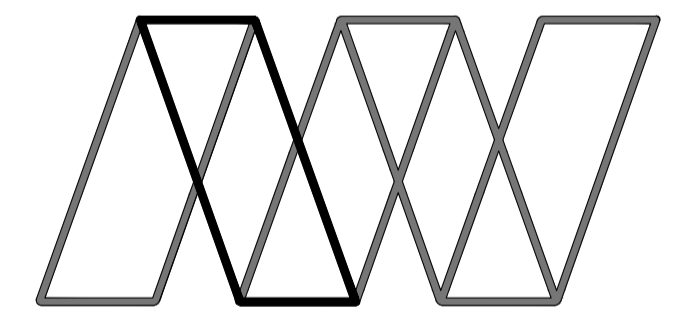
TYPICAL SECTION THROUGH PROPOSED LAKE  
(SCALE 1:25)

- NOTES:**
1. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION, OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
  2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
  3. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
  4. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THAT THE BUILDING AND ITS COMPONENTS ARE SAFE DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY. SUCH MATERIAL REMAINING THE PROPERTY OF THE CONTRACTOR ON COMPLETION AND FOR ENSURING THAT THE WORKS AND ANY ADJACENT PROPERTIES ARE SAFE IN THE TEMPORARY CONDITION.

- LAKE NOTES**
1. SLOPE REINFORCEMENT TO BE PROVIDED AS NECESSARY, BASED ON GROUND CONDITIONS, SURCHARGE LOADING, SLOPE ANGLE AND STORAGE VOLUME REQUIRED.
  2. LAKE AND OTHER SUDS SHOULD BE LINED WITH IMPERMEABLE MEMBRANE TO PREVENT GROUNDWATER/SUBSURFACE WATER INGRESS AND TERMINATED AT BANK TOP VIA AN ANCHOR TRENCH.
  3. INLET AND OUTLET HEADWALLS TO BE PRECAST CONCRETE UNITS, PROVIDED WITH PROTECTIVE BASKET GRILLES OVER PIPE CONNECTION WHERE PIPE IS LARGER THAN 3500. HEADWALLS TO BE PROVIDED WITH HANDRAILS AROUND TOP AND SIDES.
  4. EDGE PROTECTION TO PREVENT ERRANT ACCESS TO BASINS REQUIRED.
  5. SUDS BASINS MAY BE PLANTED TO SUIT ECOLOGIST AND LANDSCAPING REQUIREMENTS TO ENCOURAGE FLORA, FAUNA AND HABITAT CREATION.
  6. TREATMENT AND/OR OXYGENATION OF LAKE MAY BE REQUIRED TO ENHANCE WATER QUALITY.
  7. LAKE AND OTHER SUDS TO BE PROTECTED FROM EROSION FROM INCOMING AND OUTGOING FLOWS.
  8. CONTRACTOR TO PROVIDE OPERATION AND MAINTENANCE REQUIREMENTS FOR DRAINAGE AND SUDS FEATURES.
  9. FOR LAKE, IMPERMEABLE LINER/MEMBRANES TO BE BENTOFIX X2 GEOSYNTHETIC CLAY LINER, OR SIMILAR APPROVED.
  10. ALL IMPERMEABLE LINER/MEMBRANE JOINTS TO BE WATERTIGHT.

- LAKE FEASIBILITY STAGE NOTES**
1. ALLOWANCE TO BE MADE AT DETAILED DESIGN FOR STRUCTURES WITHIN LAKE, E.G. JETTY, BOARDWALK (DESIGN BY OTHERS).
  2. CURRENTLY NO ALLOWANCE FOR BEACH TYPE FEATURES OR MARGIN.
  3. PLANTING AND SOFT LANDSCAPING TO SUIT ECOLOGICAL/LANDSCAPE REQUIREMENTS.
  4. CURRENTLY NO ALLOWANCE FOR M&E, POWER, LIGHTING, TELEMETRY, OR MONITORING AT THIS STAGE.
  5. NO ALLOWANCE FOR SAFETY BENCH AROUND LAKE.

P2	REVISED TO OMIT LINER AND INCLUDE BENTONITE WALL	10.11.23	JP	JAG	JAG
P1	FIRST ISSUE	11.09.23	JP	JAG	JAG
Rev	Description	Date	By	Chk	App



**Alan Wood & Partners**

**Sheffield Office**  
Hallamshire House  
Meadow Court  
Hayland Street  
Sheffield  
S9 1BY  
T. 01142 440077  
www.alanwood.co.uk

**Consulting Civil & Structural Engineers**  
Project Managers  
Building Surveyors  
Hull T. 01482 442138  
Lincoln T. 01522 303210  
London T. 02071 860761  
Scarborough T. 01723 865484  
York T. 01904 611594  
Leeds T. 01135 311098

Project:	Proposed Residential Development at Lincolnshire Lakes, Burringham Road				
Client:	Keepmoat Homes				
Drawing:	Proposed Lake Sections				
Role:	CIVIL ENGINEER				
Drawing Status:	FOR APPROVAL				
Job. no.	45822	Scale@ A1:	As Noted	Rev.	P2
Project	Originator	Volume	Level	Type	Role
KPLL - AWP - ZZ - XX - DR - C - 3501					