IN-SITU EMBANKMENT OR RESIDUAL MATERIAL

CUTOFF TRENCH WIDTH RECOMMENDED 12" OR AS DIRECTED BY ENGINEER

RECOMMENDED 12" MIN. EMBEDMENT INTO LOW PERMEABILITY RESIDUAL SOILS

COMPOSITE BENTONITE AGGREGATE (AQUABLOK OR APPROVED EQUAL) PLACED IN DIRECT CONTACT WITH EXCAVATED TRENCH

COVER SOIL 6" TO 12" (RECOMMENDED) OR AS DIRECTED BY ENGINEER

SECTION PERPENDICULAR TO TRENCH

SECTION PARALLEL TO TRENCH

NOTES:
1. THE CUTOFF TRENCH DIMENSIONS SHALL BE DIRECTED BY THE ENGINEER AND DEPICTED ON THE CONSTRUCTION DRAWINGS.
2. WHEN EXCAVATING ANY TYPE OF TRENCH, ALL PRECAUTIONS AND PROTECTIVE SYSTEMS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION MUST BE EMPLOYED.
3. NO MORE TRENCH LENGTH SHOULD BE EXCAVATED THAN CAN BE FEASIBLY BACKFILLED AND COVERED WITHIN ONE DAY.
4. TRENCHES WIDER THAN 12 INCHES ARE RECOMMENDED FOR COMPOSITE BENTONITE AGGREGATE (AQUABLOK) PLACEMENT IN LIFTS OF 12 INCHES OR MORE IN DEPTH.
5. THE TRENCH DEPTH SHOULD EXTEND A MINIMUM OF 12 INCHES VERTICALLY INTO LOW PERMEABILITY RESIDUAL SOIL.
6. SOIL COVER ABOVE TRENCH TO FINISH GRADE SHALL BE DIRECTED BY ENGINEER, WITH 6 IN. TO 12 IN. RECOMMENDED.
7. SEE "DAM / LEVEE ENHANCEMENT" APPLICATION TECH SHEET BY AQUABLOK, LTD. FOR MORE INFORMATION.