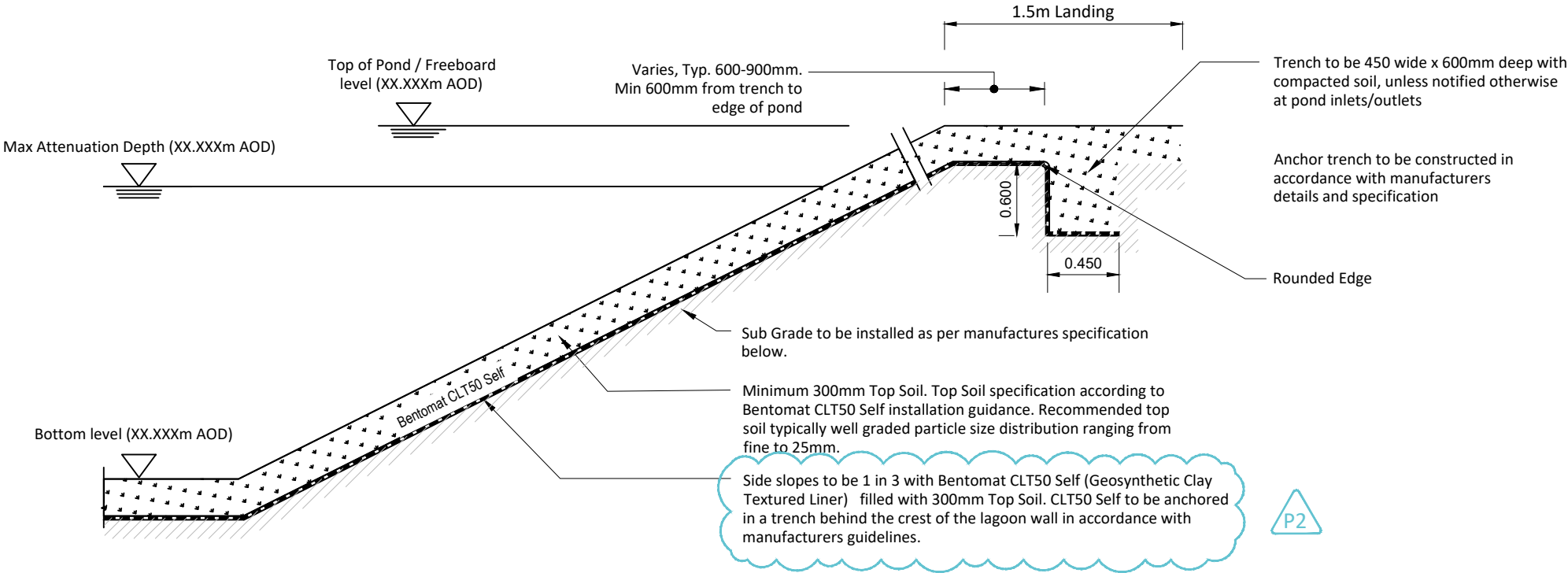


Pond Liner Details

(Scale 1:50)



Notes (Manufactures Sub Grade Installation Specification)

Subsoil: Any earthen surface upon which the CLT50 Self is installed shall be prepared and compacted in accordance with the project specifications and drawings. The surface must be smooth, compacted to 96 % proctor, and free of:

- Void spaces.
- Sticks.
- Sharp rocks.
- Construction Debris.
- Vegetation.
- Standing water.
- Cracks larger than 6 mm in width.
- Frozen ground and ice.
- Sharp edges and abrupt elevation changes.
- Any other foreign matter that could contact the CLT50 Self.

It is crucial that the subgrade surface do not consist of granular soils or gravel, this due to their large void fraction and puncture potential. In high water head applications, such as ponds and wastewater lagoons, it is important that the subgrade soil is possessed with a particle size distribution such as at least 80 percent of the soil is finer than a 0.250 mm sieve. Prior to CLT50 Self deployment, the subgrade shall be final-graded to fill in all voids or cracks and then smooth-rolled to provide the best practicable surface for the CLT50 Self. No wheel ruts or other irregularities shall exist in the subgrade. Protrusions extending more than 12 mm from the surface shall either be removed, or in other ways smoothed out. Some responsible party should certify acceptance of the subgrade before CLT50 Self placement. Inform the installer of his responsibility to control subgrade before installation.

Do Not Scale				
DESIGN REVIEW				
Design review by:	**	Checked by:	**	
Residual hazards:				
Health, Safety & Environmental Notes				
NOTES				