Construction Rating	☐ Updated civil engineering calculations describing and quantifying the stormwater management strategies, specifically addressing the pre-development and post-development peak runoff rate and quantity; ☐ Updated OMP; and ☐ Photographs confirming the installation of the stormwater management strategy.
Calculations and Methodology	▪ Non-structural stormwater management solutions include sustainable urban drainage systems (SUDS) such as ponds, depressed landscapes etc.; ▪ Structural stormwater management solutions include engineered structures such as retention dams and tanks, as well as pipes, concrete channels that have been oversized in comparison to the downstream stormwater network; ▪ Design of stormwater management solutions is to avoid exacerbating shallow/rising groundwater impacts (where these exist), and allow for water reuse on site, where practical; and ▪ Calculations must be signed off by a qualified civil engineer. Design storm events for the different regions of Abu Dhabi are described within the DoT Road Drainage Manual. A qualified Civil Engineer is an individual with: ▪ A degree in a relevant subject; ▪ A minimum of five years relevant work experience; and ▪ Experience working on similar projects in the region.
References	▪ Environment Agency Abu Dhabi, EAD: www.ead.gov.ae. ▪ CSIRO (2006) *Urban Storm water Best Practice Environmental Management Guidelines*. Australia. ▪ DoT (2012) *Road Drainage Manual - Volume I - Standards and Criteria*. Abu Dhabi, UAE.