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CHARTERED SURVEYORS / CHARTERED ENGINEERS.

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Date 10th October 2025.

RE : Sykes Bros Ltd.

Farm Development at Effenogue, Ferns, Wexford.

Capital Surveys Ltd was engaged by Sykes Bros, to undertake a measured topographical survey & Civil Design. A detailed GPS survey was undertaken of the farm and surrounds. Having examined the site levels, I would estimate that in the region of 48,000 cubic meters have been excavated and used as filling to level and extend the existing yard.

The development will facilitate the extension of the farm while introducing measure with regards to storm water & Suds, retaining wall and slope stability. The proposed yard is to have a mix of concrete finishes and stone to yard. The surface areas of permeable and impermeable area have been calculated via our spread sheet. Based on site factors, the amount of storm water storage required is 360m³ with a discharge of 12 liters / Sec to the open drain. Due to the nature of the

farm business, it is proposed to use a concrete storage cell with access chambers which facilitates maintenance. Gullies will be placed to collect storm water from the concrete yards and the water is collected via a storm pipe network throughout the yard. The store yard will allow water discharge to the ground naturally. A new ECO drain will collect water at the entrance and discharge to the Cell. The SuDs attenuation tank and storm pipe should be cleaned every year. It is proposed that an Oil / Silt interceptor is installed on the storm line. This should be maintained yearly by a registered contractor and the content removed to a licenced facility.

The eastern boundary has been excavated and a slope stability report is included in the documents. It is proposed to build a reinforced retaining wall where the vertical slope has been excavated. This will stabilize the bank and allow the farm be extended. Banks can be graded and sown down in the remainder of this section of the site. This would encourage biodiversity and natural growth.

Documents enclosed.

- Site layout plan showing Storm Water Drainage.
- Details and Section of Retain wall.
- SuDS & Storm & Swale water details and sections.
- Hydrological Calculation for Storm Sewer.
- Slope Stability Report.

Signed 
Chartered Civil Engineer ICE.