

USE FIGURED DIMENSIONS ONLY

ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE. ANY ERRORS OR DISCREPANCIES TO BE REPORTED TO THE ENGINEER IN CHARGE

NOTES

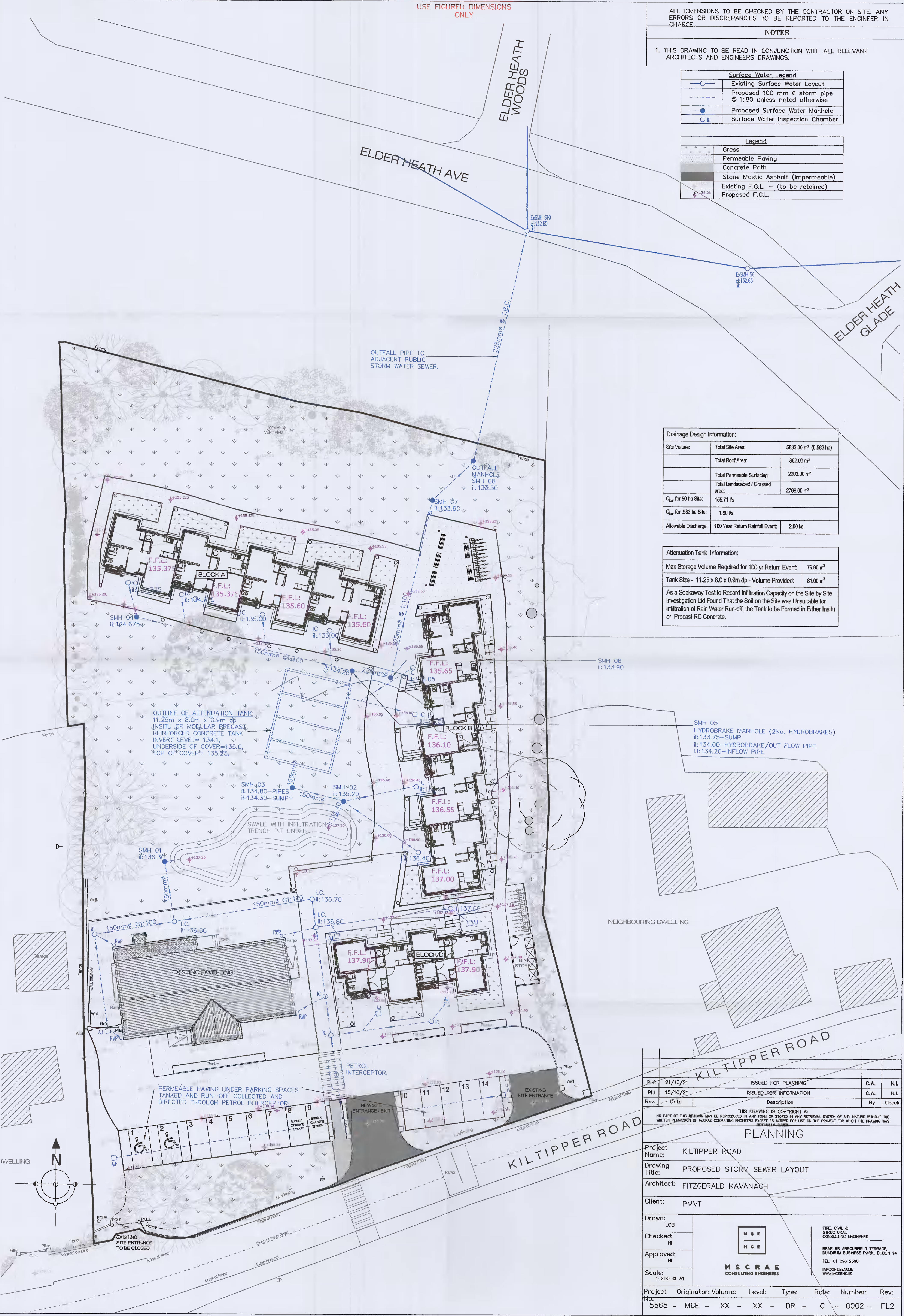
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.

Surface Water Legend	
	Existing Surface Water Layout
	Proposed 100 mm diameter storm pipe @ 1:80 unless noted otherwise
	Proposed Surface Water Manhole
	Surface Water Inspection Chamber

Legend	
	Grass
	Permeable Paving
	Concrete Path
	Stone Mastic Asphalt (Impermeable)
	Existing F.G.L. - (to be retained)
	Proposed F.G.L.

Drainage Design Information:		
Site Values:	Total Site Area:	5833.00 m ² (0.583 ha)
	Total Roof Area:	862.00 m ²
	Total Permeable Surfacing:	2203.00 m ²
	Total Landscaped / Grassed area:	2768.00 m ²
Q ₅₀ for 50 ha Site:	166.71 l/s	
Q ₅₀ for .583 ha Site:	1.80 l/s	
Allowable Discharge:	100 Year Return Rainfall Event:	2.00 l/s

Attenuation Tank Information:	
Max Storage Volume Required for 100 yr Return Event:	79.90 m ³
Tank Size - 11.25 x 8.0 x 0.9m dp - Volume Provided:	81.00 m ³
As a Soakaway Test to Record Infiltration Capacity on the Site by Site Investigation Ltd Found That the Soil on the Site was Unsuitable for Infiltration of Rain Water Run-off, the Tank to be Formed in Either In situ or Precast RC Concrete.	



Rev.	Date	Description	By	Check
PL2	21/10/21	ISSUED FOR PLANNING	C.W.	N.I.
PL1	15/10/21	ISSUED FOR INFORMATION	C.W.	N.I.

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PLANNING

Project Name: KILTIPPER ROAD
 Drawing Title: PROPOSED STORM SEWER LAYOUT
 Architect: FITZGERALD KAVANACH
 Client: PMVT

Drawn: LOB
 Checked: NI
 Approved: NI

Scale: 1:200 @ A1

Project Originator: Volume: Level: Type: Role: Number: Rev: No: 5565 - MCE - XX - XX - DR - C - 0002 - PL2

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