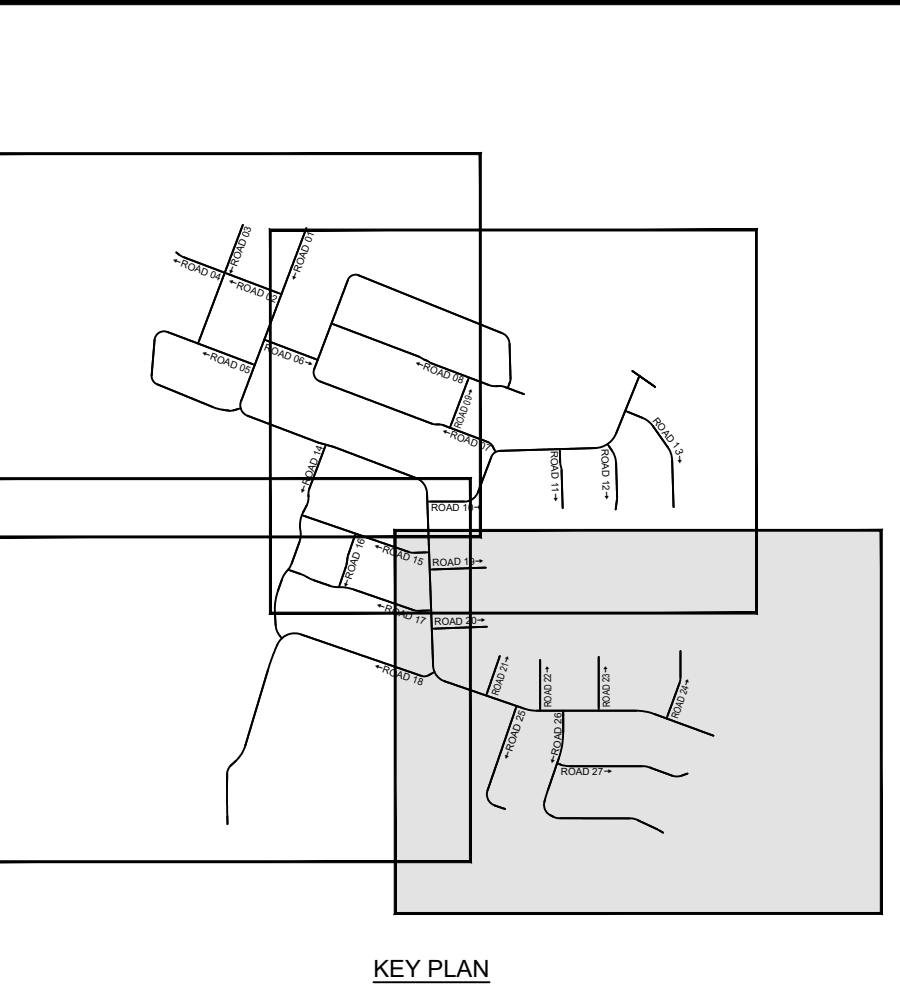
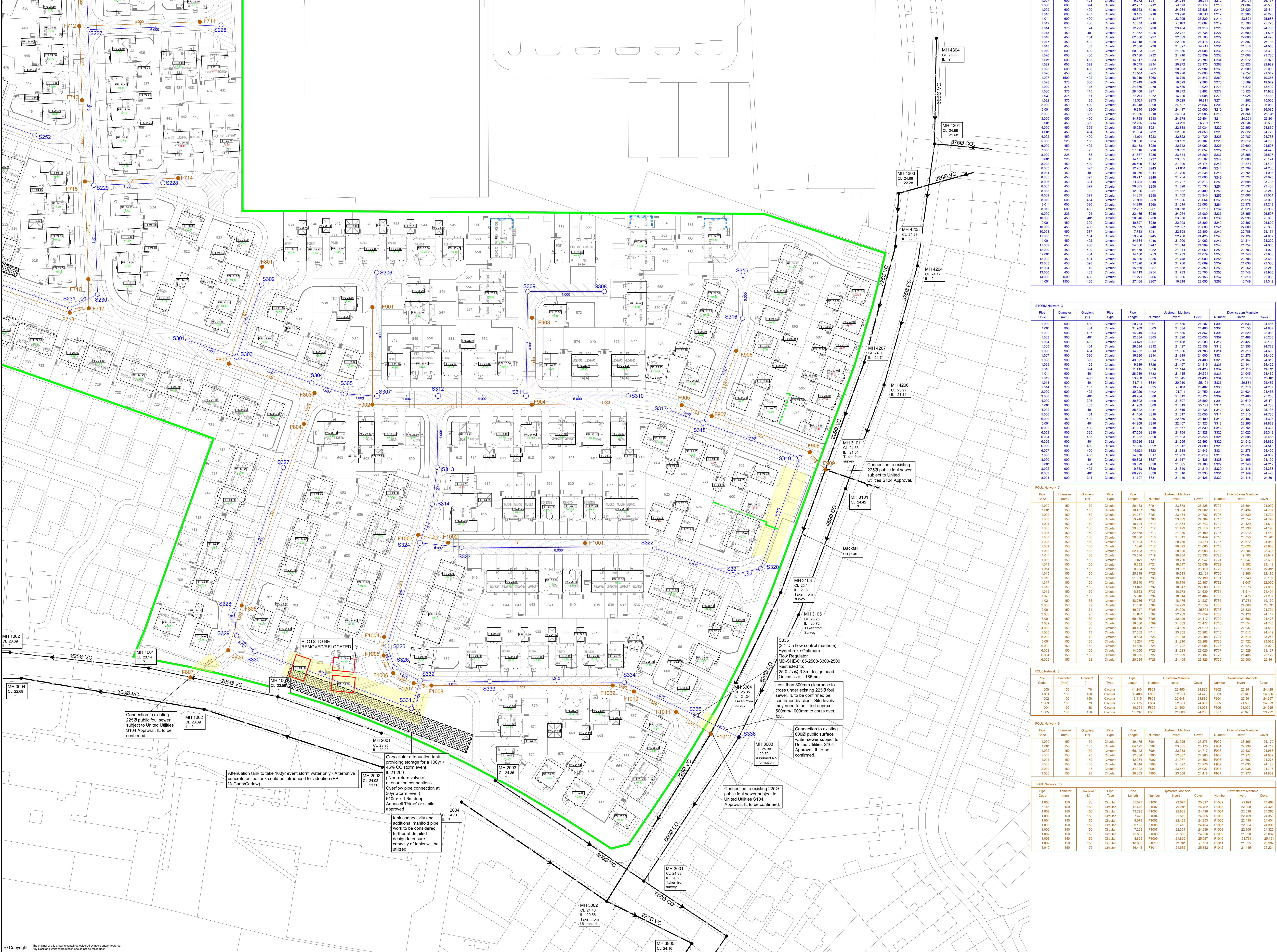


DO NOT SCALE

2220
(2.4 Dia flow control manhole)
Hydrobrake Optimum
Flow Regulator
MD-SHC-015-3000-2500-3000
Restricted to:
30 l/s @ 2.5m design head
Orifice size = 215mm

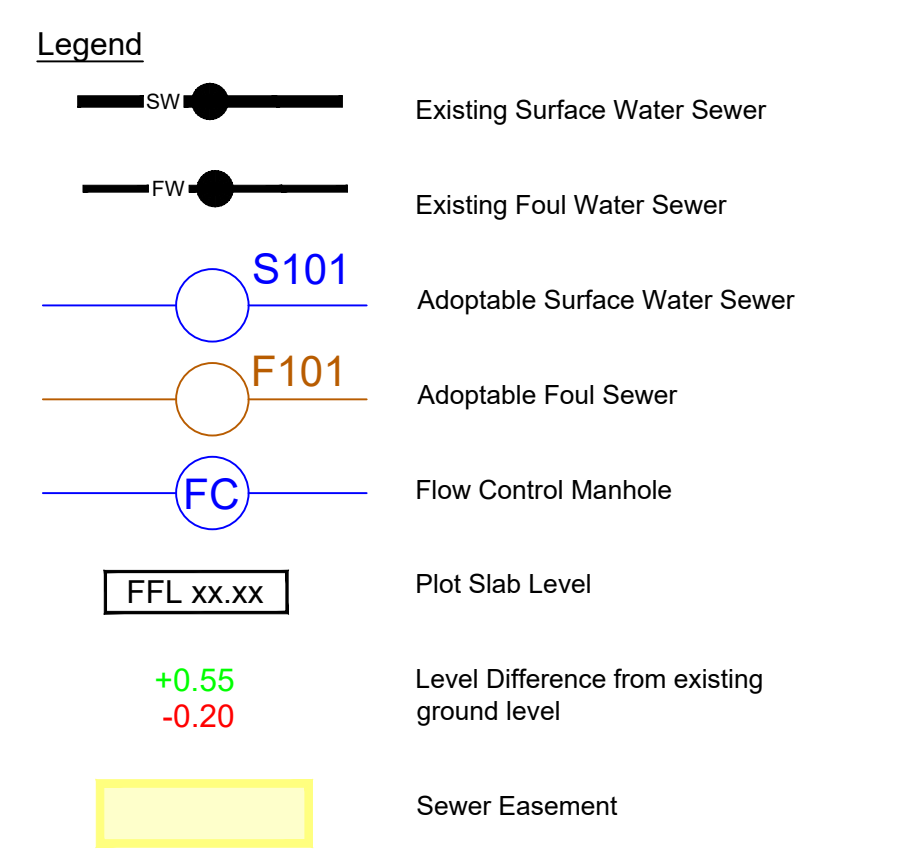


- Notes**
- Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
 - All sewers shall be constructed in accordance with Design and Construction Guidance (DCG) Standards and United Utilities Details & Guidelines.
 - The minimum gravity pipe diameter under adoptable highways shall be 150mm.
 - It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times.
 - All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must be Sulphate resistant concrete to withstand Class 3 condition (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur).
 - All opening notices etc. as required under Highways Acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
 - Where structured wall UPVC pipes (or similar approved) are used in adoptable drainage they shall be handbed and laid in accordance with the manufacturers instructions and will be subject to post installation deformation testing prior to adoption.
 - Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material as in accordance with Design and Construction Guidance (DCG) Standards.
 - Slab levels shall not be varied without reference to the Engineer for guidance.
 - Pipes have not been designed to accommodate construction traffic loading. The contractor is responsible for providing adequate protection to the pipes during construction.

Design based on Layouts
MD-S-24 to 11 Planning Layout

Grid Level datum based on Topos:
Cherryfield Drive, Kirby.
Topographical Land Survey:
Dwg No. DWH.TS.04 Sheets 1 to 3, Dated 27.04.21
Rev: -

Topographical Land Survey:
Former All Saints School Cherryfield Drive, Knowsley.
Dwg No. A0 14F063/001 Sheets 1 & 2, Dated July '14
Rev: -



STRATEGY

Rev.	Date	Revision	By	Appd.
C	04.08.23	Updated to suit revised Planning Layout	JAR	AJ
B	07.06.23	Updated to suit revised Planning Layout	PJW	AJ
A	25.11.22	Updated to suit revised Planning Layout	PJN	JAR

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Client: **DAVID WILSON HOMES**

Project: **CHERRYFIELD DRIVE, KIRKBY.**

Title: **Drainage Strategy Sheet 2 of 4**

DRAWING NUMBER	SCALE at A0	DATE	REVISION
7778 / SK04-2	1:500	March '22	REVISION
		JAR	C