

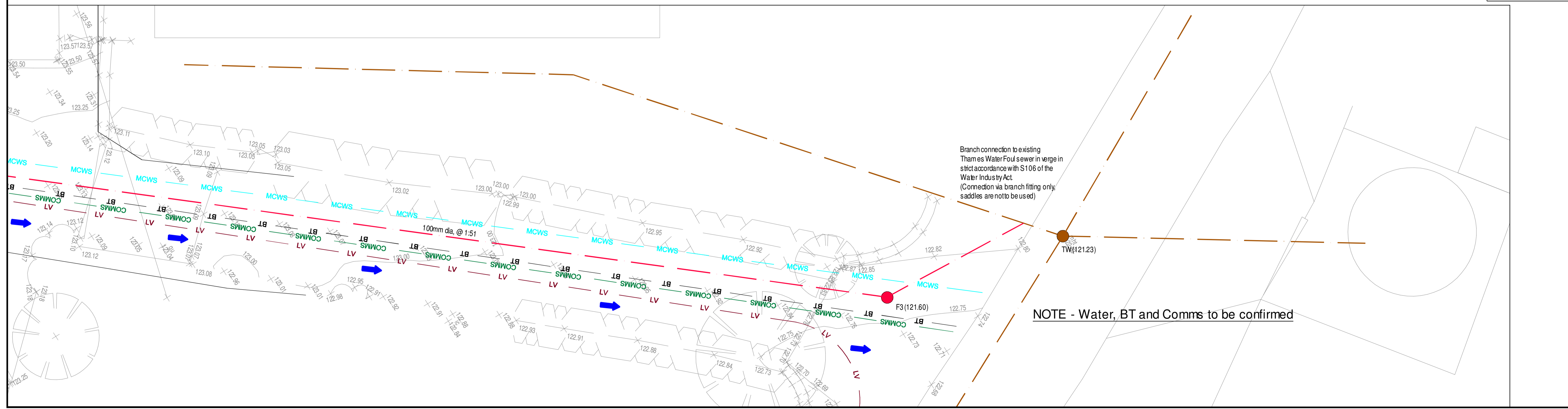
Drainage and Utilities Layout
Scale 1:100 @ A1

- NOTES
1. This drawing to be read in conjunction with all relevant documents and specifications.
 2. Dimensions not to be scaled.
 3. The Contractor shall carry out a level check of the existing drainage and confirm the results to the Engineer for confirmation of the design, prior to the laying of any new drainage.
 4. Covers & frames to existing chambers to be adjusted to suit new levels.
 5. All manhole chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines.
 6. This drawing details all below ground drainage up to finished floor level. For details of drainage above finished floor level, refer to Architect's drawings.
 7. External private pipework may be either VC, thermoplastic structured wall sewer pipe, or PCVU to BSEN13476 160, and shall comply with WIS 4-35-01. Pipes shall be BSi Kitemarked, or have equivalent third party certification.
 8. All open drainage connections, svps, gullies, manholes, etc. shall be protected throughout the construction period to prevent the ingress of debris to the systems.
 9. All drainage to be laid within ±10mm of the design invert levels and shall have a positive fall towards the outfall, no backfalls are permitted.
 10. Pipe bedding and surround to be Type S (granular).

- KEY
- Proposed surface water sewer (dia, gradient)
 - Proposed foul water sewer (dia, gradient)
 - Existing Foul Sewer
 - Proposed Type 3 access chamber (Invert level shown)
 - Proposed surface water silt trap (Invert level shown)
 - Existing Thames Water Chamber
 - Exceedance flow path

LEGEND

- BT TELECOMS CABLING (BT OPEN REACH)
- COMMS BROADBAND (GIGACLEAR)
- MCWS WATER MAIN
- SURFACE WATER DRAIN
- FOUL DRAIN (PROPOSED)
- FOUL DRAIN (EXISTING)
- LV CABLING (95mm Wavecon by SSE)
- 90mm LV DUCT with draw rope (by builder) (for 35mm 3ph cable pulled by SSE)



NOTE - Water, BT and Comms to be confirmed

P1	Preliminary Issue	06/05/21	MT
Rev	Description	Date	Chkd
Client: Richard Lord			
Project: New Stone Barn Lower Farm			
Title: Proposed Drainage and Utilities Layout			
Project Engineer: M. Taylor		Scale: 1:100	
Project Director:		Date: April 2021	
Status: DRAFT			
Drawing No.	2132/01	Rev	P1