

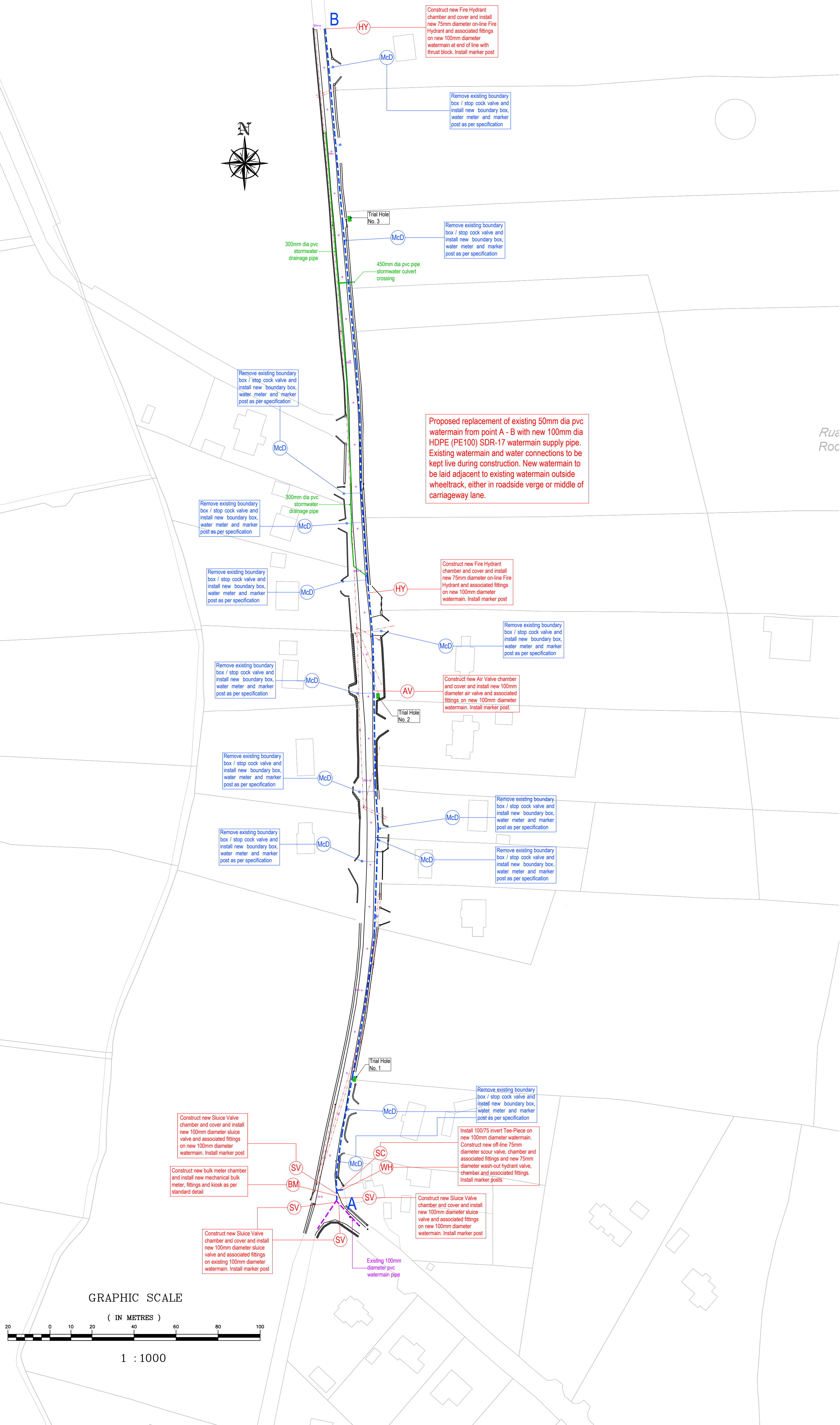


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- Proposed HDPE pipe SDR-17 watermain pipe. Rating to ISEN12201. Diameter as per longsection detail
- Existing pvc watermain pipe
- Proposed 25mm dia HDPE watermain service connection pipe and boundary box location
- Existing overhead power / communication cables and poles
- Existing underground stormwater drainage pipe

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|--------------|-------------------------|--------------|---|
| (SV) | Sluice Valve | (BM) | Bulk Water Meter |
| (AV) | Air Valve | (HY) | Fire Water Hydrant |
| (SC) | Scour Valve | (McD) | Metered Connection - Dwelling House |
| (NR) | Non-Return Valve | (McL) | Metered Connection - Land/Agriculture |
| (PRV) | Pressure Reducing Valve | (McD) | Metered Connection - Combined Domestic and Land/Agriculture |
| (WH) | Wash Out Hydrant | (McC) | Metered Connection - Commercial |
| | | (McS) | Metered Connection - Site |

NOTES:

- 1) Any queries or discrepancies are to be notified to the Engineer for clarification.
- 2) Do not scale. Figured dimensions only.
- 3) This drawing is to be read in conjunction with all other relevant Engineer's drawings and specifications associated with the contract documents.
- 4) HDPE watermain shall comply with the requirements of ISEN 12201.
- 5) All watermain shall be provided with a minimum cover of 1.00m and all service connections shall be provided with a minimum cover of 600mm.
- 6) All watermain and service connections up to and including each boundary box shall be pressure tested to a minimum test pressure of 137m head (195 p.s.i.).
- 7) All fire water hydrants shall comply with BS750. Hydrants shall have 80mm inlets and 63mm male thread outlets. Hydrant valves shall open anti-clockwise.
- 8) It is the responsibility of the contractor to locate and protect all underground services when excavating trenches for pipelaying. Services shall be located by hand-digging operations. The location of existing services shown on the drawings are approximate only based on best information available. The contractor shall liaise with the relevant authorities to establish the location of all existing services prior to commencement on site.
- 9) All new sluice valves to be installed at beginning of works on existing watermain to enable contractor to use them to isolate smaller sections of watermain while works proceed. In the event where water supply is turned off during the day the client requests that the water supply be returned to all customers by 5pm that evening.
- 10) Rubber tracked excavators to be used at all times for all excavation works on existing road surfaces and road verges.
- 11) Works to be carried out using open trench excavation only. Directional drilling or pipe-bursting methods are not permitted forms of construction for this project unless approved.



Rev	Description	Date

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