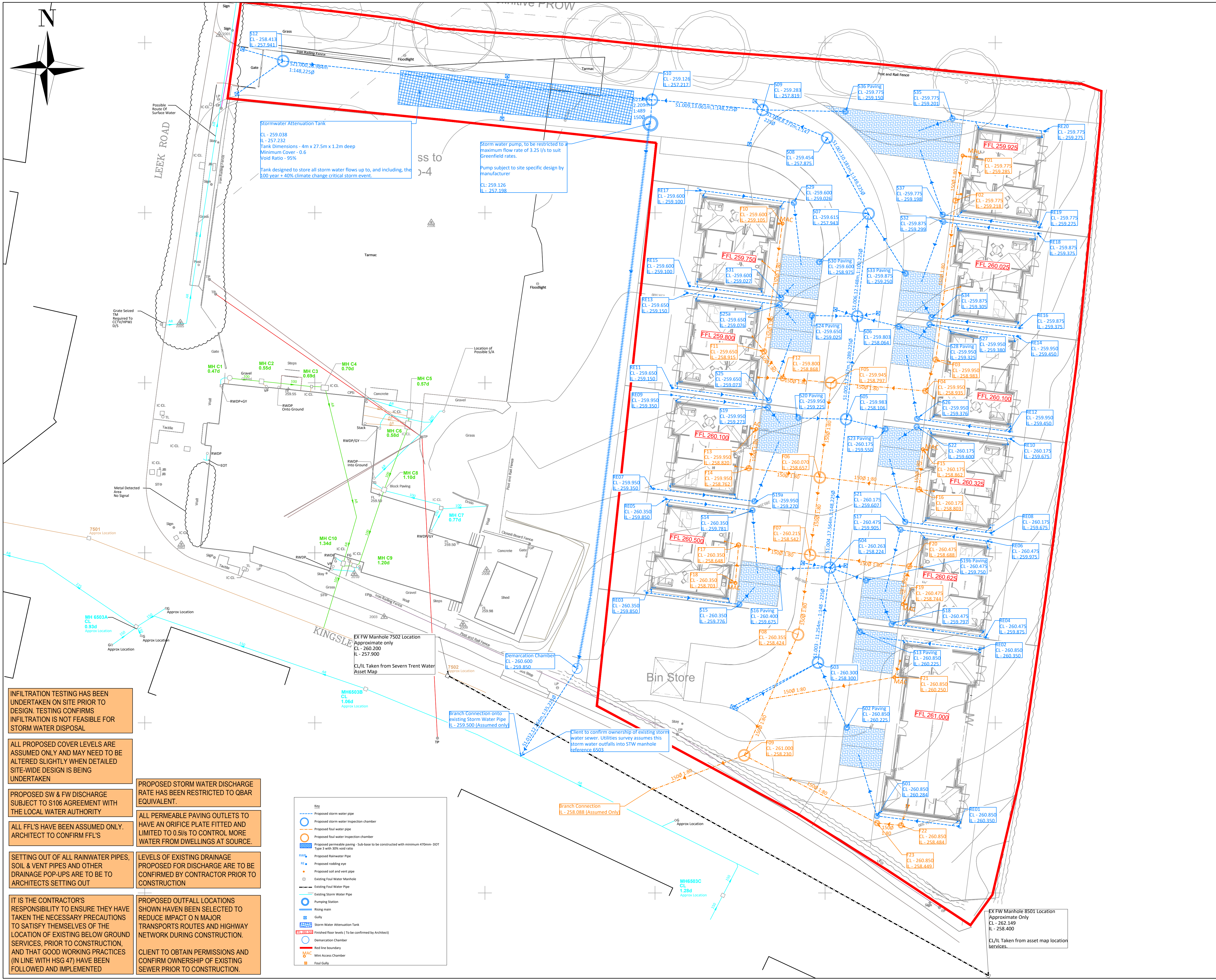




INFILTRATION TESTING HAS BEEN UNDERTAKEN ON SITE PRIOR TO DESIGN. TESTING CONFIRMS INFILTRATION IS NOT FEASIBLE FOR STORM WATER DISPOSAL

ALL PROPOSED COVER LEVELS ARE ASSUMED ONLY AND MAY NEED TO BE ALTERED SLIGHTLY WHEN DETAILED SITE-WIDE DESIGN IS BEING UNDERTAKEN

PROPOSED SW & FW DISCHARGE SUBJECT TO S106 AGREEMENT WITH THE LOCAL WATER AUTHORITY

ALL FFL'S HAVE BEEN ASSUMED ONLY. ARCHITECT TO CONFIRM FFL'S

SETTING OUT OF ALL RAINWATER PIPES, SOIL & VENT PIPES AND OTHER DRAINAGE POP-UPS ARE TO BE TO ARCHITECTS SETTING OUT

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THEY HAVE TAKEN THE NECESSARY PRECAUTIONS TO SATISFY THEMSELVES OF THE LOCATION OF EXISTING BELOW GROUND SERVICES, PRIOR TO CONSTRUCTION, AND THAT GOOD WORKING PRACTICES (IN LINE WITH HSG 47) HAVE BEEN FOLLOWED AND IMPLEMENTED

PROPOSED STORM WATER DISCHARGE RATE HAS BEEN RESTRICTED TO QBAR EQUIVALENT.

ALL PERMEABLE PAVING OUTLETS TO HAVE AN ORIFICE PLATE FITTED AND LIMITED TO 0.5l/s TO CONTROL MORE WATER FROM DWELLINGS AT SOURCE.

LEVELS OF EXISTING DRAINAGE PROPOSED FOR DISCHARGE ARE TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION

PROPOSED OUTFALL LOCATIONS SHOWN HAVEN BEEN SELECTED TO REDUCE IMPACT ON MAJOR TRANSPORTS ROUTES AND HIGHWAY NETWORK DURING CONSTRUCTION.

CLIENT TO OBTAIN PERMISSIONS AND CONFIRM OWNERSHIP OF EXISTING SEWER PRIOR TO CONSTRUCTION.

- Notes
- Due to a change in legislation on 1st October 2011, there could be formally private sewers which have transferred over to the responsibility of the Sewerage Undertaker. If such sewers are located on site during construction works, please contact Stewart and Harris so that a Section 185 Agreement can be prepared to divert these sewers.
 - The survey information used in the preparation of this drawing is not warranted. The contractor shall check all dimensions and levels on site.
 - This drawing must be read in conjunction with the site investigation report. Before work commences contractor should consult the engineer and the SI report regarding any contamination issues. All necessary health and Safety measures to be taken.
 - Before work commences, the contractor shall liaise with all Statutory Authorities to determine the exact location of all apparatus and take all precautions deemed necessary to locate, protect and where necessary divert such equipment.
 - This drawing is subject to approval by Building Control, Severn Trent Water and Lead Local Flood Authority. Any works undertaken prior to the granting of these approvals is carried out at at risk to others.
 - The contractor shall check all dimensions and levels on site.
 - Setting out to be confirmed by the Architect.
 - All external drainage works shall be constructed in accordance with civil engineering specification for the water industry and the Building regulations Part H and BS.EN 752.
 - All existing drainage levels, diameters & locations need to be checked on site prior to any drainage works, and any discrepancies need to be reported back to the Engineer.
 - Cover levels for manholes are approximate only and should be adjusted to match surrounding levels. All manhole and drainage covers shall comply with BS.EN124. Covers to be:
Class D400 in Highway Areas (Road)
Class C250 in Lightly trafficked areas (car parks).
Class B125 in landscape and non trafficked areas (min. 100mm dg frame).
 - Drainage pipes 100mm Ø unless stated otherwise.
 - Pipes to be : Vitrified clay to BS EN 295 or Concrete to BS 5911 or UPVC pipes to BS EN 1452 or Thermoplastic Structured wall pipes complying with WIS 4-35-01. BSi kitemarked. Class 8kM/m² nominal short term ring stiffness.
 - All pipes to be laid with soffits level, unless noted otherwise.
 - All pipes beneath buildings to be B&S in concrete. Where cover is less than 300mm the concrete is to be cast integrally with the floor slab.
 - Pipes Penetrating Walls.
An opening is to be formed through walls to give pipes at least 50mm clearance all round. Brickwork over shall be supported by a lintel. Opening to be masked each side with rigid sheet material.
Pipes embedded in walls shall have joints formed within 150mm of either wall face. Adjacent rocker pipes of max 600mm length with flexible joints shall continue the pipework.
 - Pipe runs near Buildings.
If a trench is within 1m of a building it shall be filled with concrete up to the lowest level of the adjacent foundation. If a trench is greater than 1m from a building the trench shall be filled with concrete up to a level below the building equal to the distance from the building less 150mm.
 - Ventilation shall be provided at the head of the foul drainage runs.
 - For setting out of SVP and RWP, see architects layout.
 - Drainage shall be tested both before and after backfilling, using either air test or water test, in accordance with BS EN 1610.
 - SVP's that outfall to external drainage using a branch connection are to have an access point in the SVP stack.

P01	Preliminary Issue.	LS	SI	10/07/24
REV	AMENDMENT	BY	CHK	DATE
PROJECT EXECUTION CLASS: All materials supplied in relations to those specified on this drawing are to be CE marked in accordance with the European Union Declaration of conformity				
DRAWING STATUS				
PRELIMINARY				
C2C CONSULTING ENGINEERS LTD CIVIL STRUCTURAL DESIGN The Old Church Offices Shelton New Road Harrishill, Stoke on Trent ST4 6DP Email: mail@c2cconsulting.co.uk Telephone: 01782 980330				
CLIENT				
Bagnall Heights				
PROJECT				
Leek Road, Cellarhead				
DRAWING TITLE				
Proposed Drainage Strategy				
SHEET SIZE	SCALE	DATE	DRAWN	CHECKED
A1	1/200	10/07/24	LS	SI
PROJECT No.	DRAWING No.			
240363	C2C - XX - XX - DR - C		500	P01