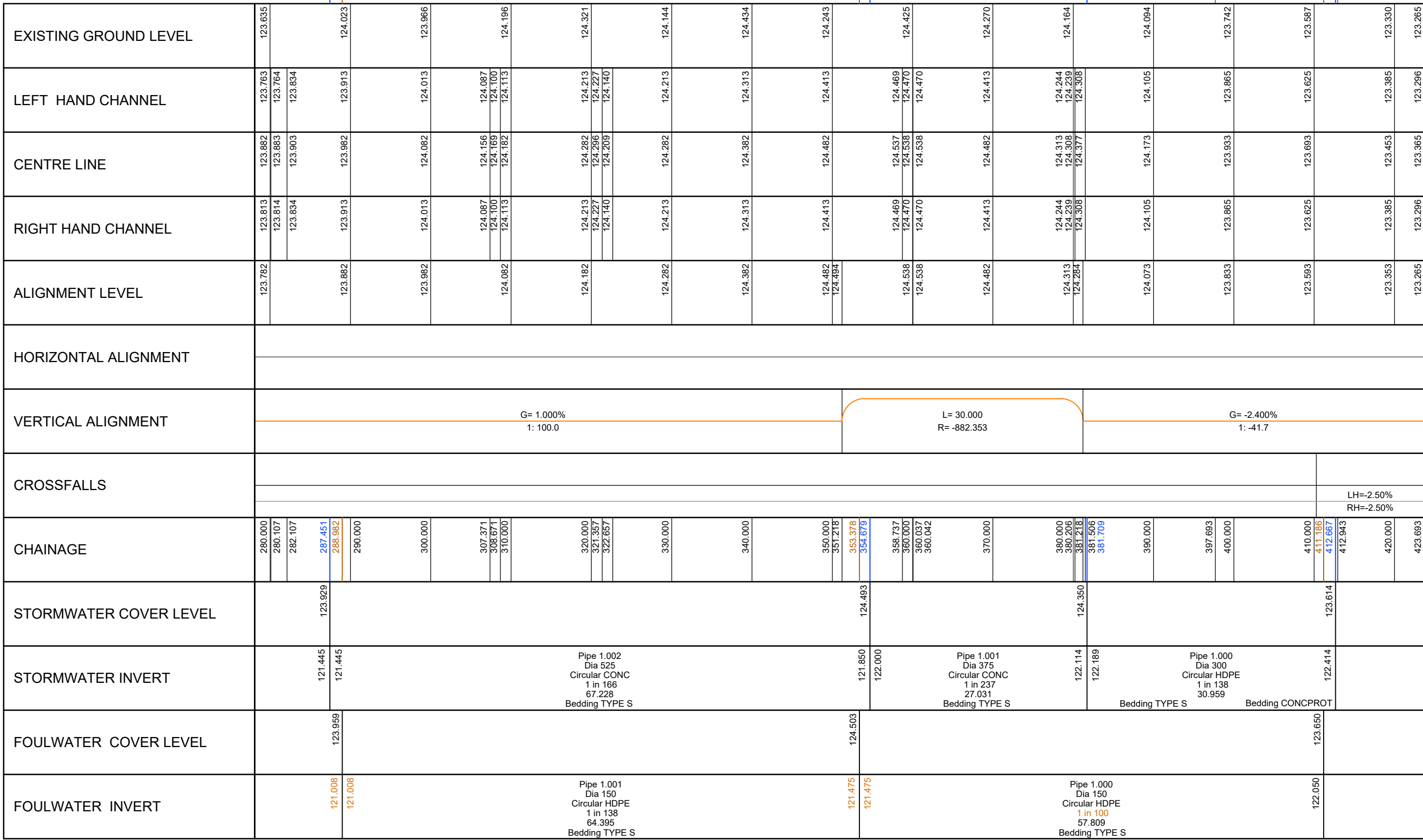


ROAD 3



PIPE MATERIAL NOTES

- ALL ADAPTABLE SEWERS 300MM DIAMETER AND LESS SHALL BE HDPE PIPE SYSTEMS TO BS EN13478 AND BEDDED IN ACCORDANCE WITH BS EN 1226.
- ALL CONCRETE PIPES SHALL BE CLASS 120 - TO EN 1916/BS 5911-1: 2002. ALL CONCRETE MANHOLES SHALL BE TO BS EN 1917 AND BS 5911-3.
- ALL PIPE BEDDING SHALL BE CLASS 5 COMPLETE GRANULAR SURROUND UNLESS OTHERWISE SPECIFIED. REFER TO SEWER STANDARD CONSTRUCTION DETAILS FOR CONFIRMATION OF ACCEPTABLE AGGREGATE SIZES.
- ADAPTABLE PLASTIC SEWER PIPES SHOULD BE TO BSI KITEMARKED (CERTIFIED TO WIS 4-35-01).
- SHOULD THE CONTRACTOR WISH TO CHANGE ANY MATERIAL THIS WILL REQUIRE THE APPROVAL FROM THE ADAPTING AUTHORITY IN WRITING AND ANY PROPOSED CHANGE SHOULD SEEK APPROVAL PRIOR TO THE ORDERING OF ANY MATERIALS.

IWNL NOTES

- ALL DRAINAGE OFFERED TO IWNL FOR ADOPTION HAS BEEN DESIGNED NOT TO ATTENUATE FLOWS IN EXCESS OF THE 130 YEAR RETURN STORM PERIOD.
- A SECTION 108 CONNECTION APPLICATION WILL BE SOUGHT AND APPROVED PRIOR TO ANY CONNECTIONS TO THE PUBLIC NETWORK BEING MADE.
- NO USE OF INFILL COVERS AND FRAMES IN BLOCK PAVED AREAS (SEE 2.9.6 S84 P25)
- CATCHPITS SHALL NOT BE ADOPTED.
- EXISTENCES AT ANY CHANGE IN WIDTH SHOULD BE 2.30M TO EITHER SIDE OF THE PIPE FOR PIPE SIZE UP TO 300MM DIA AND 5M EACH SIDE OF THE CENTRE PIPELINE FOR PIPES 300MM DIA GREATER.
- PROTECTIVE CONCRETE COVER SLABS TO BE USED ON PIPES IN NON TRAFFIC AREAS WHICH DO NOT ACHIEVE 0.9M/300MM COVER LEVEL AND 1.2M/1200MM COVER IN TRAFFIC AREA.
- WHERE PIPES ARE CROSSING, PLASTIC MEMBRANE TO BE USED FOR PROTECTION TO ELIMINATE ANY CHANCES OF CROSS CONTAMINATION.
- ALL MANHOLE COVERS TO BE 675X675MM COVER AND FRAME TO MAINTAIN A CLEAR 600X600MM CLEAR OPENING, UNLESS OTHERWISE STATED. IN ACCORDANCE WITH BS EN 124 CLASS D400 AND EMBOSSED PW OR SW AS APPROPRIATE, WHERE APPLICABLE.
- PRECAST CONCRETE MANHOLE RINGS WILL NOT CUT UNDER ANY CIRCUMSTANCES. OTHER OPTIONS ARE TO BUILD UP THE MANHOLE WITH CONCRETE OR BRICK WORK TO THE TOP OF THE PIPE.
- ALL COVERS AND FRAMES TO BE KITEMARKED.
- PIPES OF DIFFERENT DIAMETERS ENTERING MANHOLES SHOULD BE INSTALLED WITH SOFFITS AT THE SAME LEVEL.
- THE OUTSIDE OF THE SEWER SHOULD BE IN THE CARRIAGEWAY (NOT THE FOOTWAY) AND BE AT LEAST 1M FROM THE KERB LINE. THE OUTSIDE EDGE OF THE MANHOLE SHOULD BE AT LEAST 0.3M FROM THE KERB LINE.
- NON-DEGRADABLE MARKER TAPE IS TO BE LAID 300MM ABOVE THE TOP OF THE PIPE. RISING MAIN SHOULD BE LAID IN STRAIGHT LINES. WHERE BENDS ARE USED, THEY SHOULD BE PERFORMED AND SECURELY ANCHORED WITH THRUST BLOCKS, IF REQUIRED.

ROAD 5

