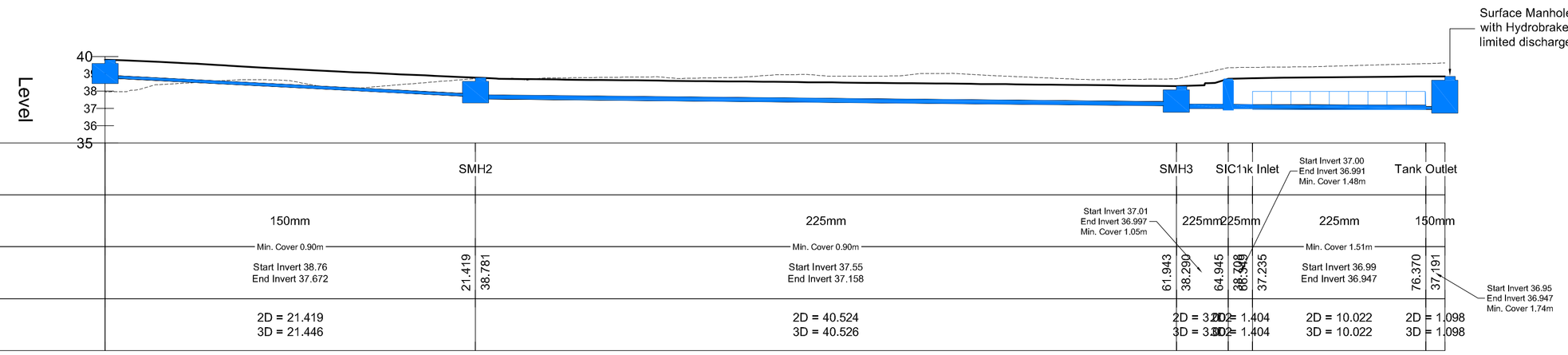
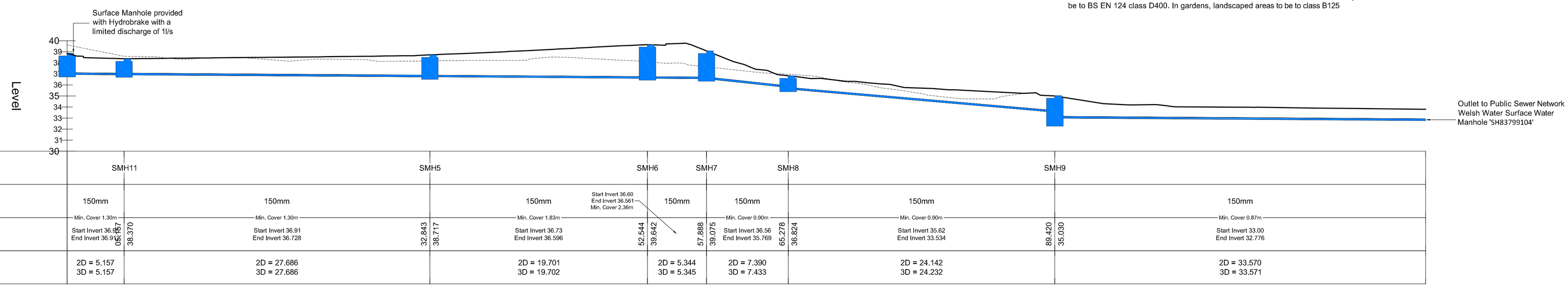
Drainage Notes:

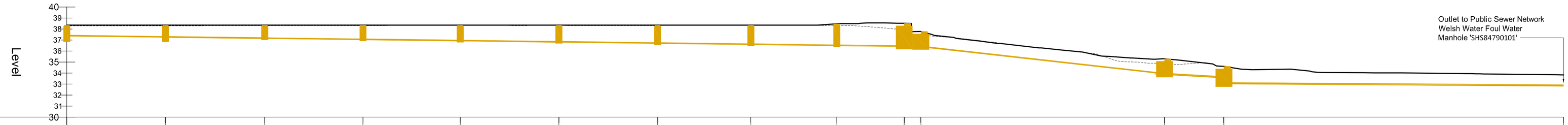
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and other specialists' drawings
- The contractor is responsible for checking dimensions and levels and for confirming the given level of outfall into public sewer, watercourse or other detail
- Refer to architect for all setting out
- Work to figured dimension only. Do not scale
- All works to be in accordance with BS EN752: British Standard for drain and sewer systems outside buildings and the Building Regulations and Sewers for Adoption 7th Addition
- All clay pipework and fittings to be plain and vitrified clay with flexible polypropylene couplings as Hepworth supersleeve or Naylor densleeve. All concrete pipework to be to BS5911
- All gravity PVCU pipework to be to BS4660 or BS5481 where relevant unless noted otherwise
- Trenches for pipework under roads and access ways to be backfilled with granular material in accordance with the requirements of the local authority
- All pipes under roads, car parking and access ways with depth less than 1200mm to have 150mm concrete bed & surround
- All pipes to be laid on Class S granular bed and surround
- Polypropylene access chambers to be min. 225 dia for depths up to 600mm and a min. 450 dia. for depths up to 1000mm. 600 dia. IC's for 225/300mm pipe
- All chamber and manhole covers and frames in roads, foot paths and access ways to be BS EN 124 class D400. In gardens, landscaped areas to be to class B125
- Minimum pipe diameter under roads and access ways to be 150mm uno
- Foul water - all pipes beneath buildings and from SVP's, gullies and WC connections to access chambers to be 100mm at a minimum gradient of 1:40 unless noted otherwise. Min. gradient of 100mm pipe between access chambers outside building to be 1:80 uno
- Surface water - Min. gradient of 100mm pipe between access chambers/rodding eyes outside buildings to be 1:100 uno
- Foul Water : minimum pipe gradients to achieve 0.75m/s at one third design flow. Surface Water : minimum pipe gradients to achieve 1.00m/s at pipe full flow
- Connection to existing public sewer manhole to be agreed with Welsh Water
- All materials are to fully comply with the requirements of clause "E" in sewers for adoption 7th edition, of which the contractor must fully acquaint himself with to ensure compliance.
- Subject to a section 104 Adoption Agreement being complete, a Section 106 application to connect must be made to DCWW, the developer sENAI give 21 days' notice prior to connection. The works may only be undertaken by an SSIP health & safety approved contractor.
- The developer must self-vet and certify that the design criteria, material standards and workmanship specifications for the proposed adoptable sewers are in accordance with those set out in "Sewers For Adoption 7th Edition, The Welsh Ministers Standards and the requirements of DCWW as the Statutory Sewerage Undertaker.



SURFACE WATER - ATTENUATION TANK - LONGSECTION
SCALE: H 1:200,V 1:200. DATUM: 35.000



SURFACE WATER - OUTFALL - LONGSECTION
SCALE: H 1:200,V 1:200. DATUM: 30.000



FOUL - OUTFALL - LONGSECTION
SCALE: H 1:200,V 1:200. DATUM: 30.000

Client **Northfield Property Developments Ltd**	Project **Oak Drive, Colwyn Bay**	Drawing Title **Drainage Long Sections**	Drawing Number **ODL-ENA-XX-XX-DR-C-5007** Purpose of Issue **Planning** Revision **P1** Status **P**

Rev	Date	Drn	Chk	Details
P1	31.05.22	DRB	DRB	Planning Drawing Issue

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