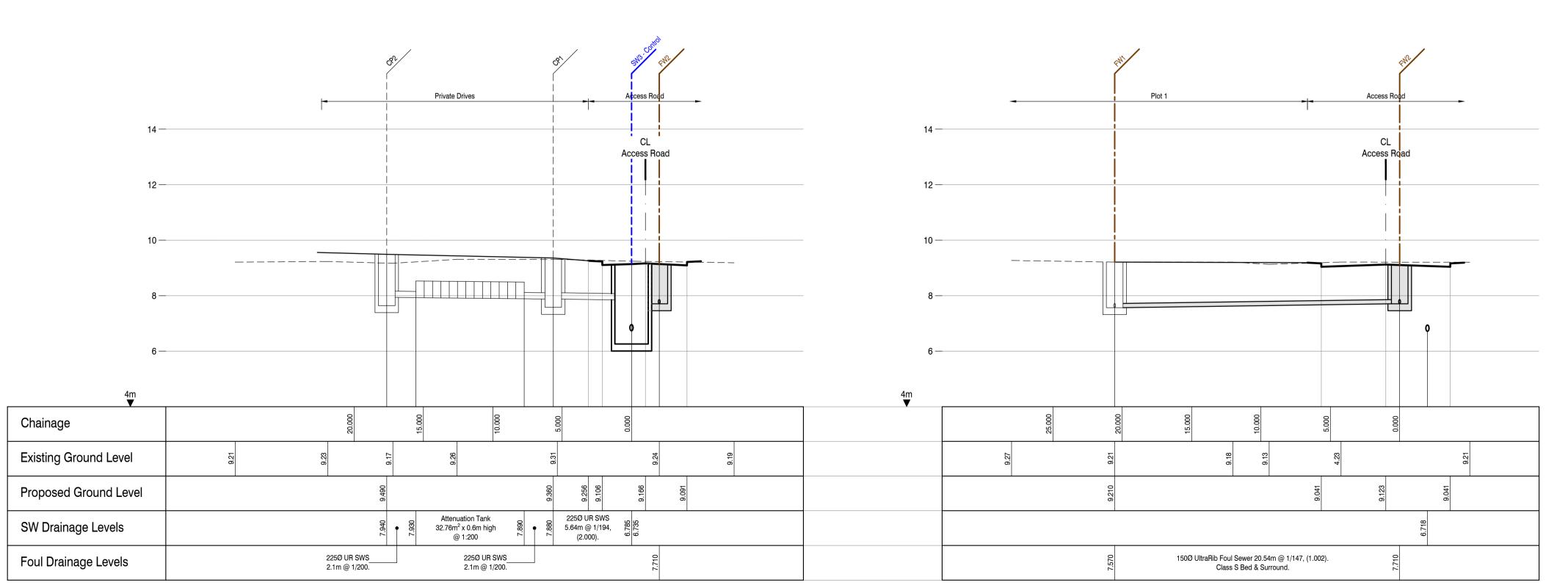


## LONGITUDINAL SECTION ALONG CL OF ACCESS ROAD



LONGITUDINAL SECTION ALONG CL OF PRIVATE ATTENUATION TANK

LONGITUDINAL SECTION ALONG
BETWEEN FW2 & FW1

### NOTES

#### GENERA

- All levels are in metres and refer to the station points shown on the survey drawing.
- 2. All dimensions are in millimeters unless stated otherwise.
- 3. Do not scale from this drawing use figured dimensions only.
- All drawings to be checked prior to construction or manufacture. Any discrepancies to be reported to the Engineer immediately.
- This drawing shall be used solely for it's intended purpose as described in the drawing title.

#### ADOPTABLE DRAINAGE:

- All sewers which are the subject of a Section 104 Agreement are to be designed and constructed in accordance with the "Sewer's for Adoption 7th Edition" and to the satisfaction of Dwr Cymru Welsh Water.
- 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' (SFA) 7th Edition and the requirements of Dwr Cymru Welsh Water (DCWW) as the statutory Sewerage

#### 3. Rigid Pipes.

Sewers not exceeding 300mm diameter to be Vitrified Clay (VC) pipes to BS EN 295 with a minimum crushing strength as follows:-

150mm dia. - 28 KN/m

225 & 300mm dia. - 36 kN/m

Sewers greater than 300mmØ to be class H Precast Concrete Pipes (Conc) to BS 5911 unless otherwise shown.

Bedding to be Class S granular bedding unless shown otherwise. Thickness above and below pipe to be:-

In uniform soils - 1/6 outside pipe diameter or 100mm min. with 50mm under sockets

where applicable.

In rocky or mixed soils - 150mm min. for sleeve jointed pipes and 1/4 outside pipe diameter or 200mm min.

under barrel with 150mm min. under sockets of socketted pipes.

#### 4. Flexible Pipes:

NOTE

works on site.

The line and level of all existing drainage and services in the area of the proposed works are to be confirmed on site and reported to

the Engineer for checking prior to commencement of any drainage

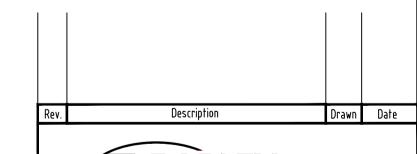
specification Wls 4-31-05.

Structured wall plastic pipes are only acceptable as gravity sewers between 150mmØ and 900mmØ using products specifically approved by DCWW Product Group. Approved products:150, 225 & 300mmØ sewers to be Ultra-Rib (UR) pipes to WSA specification WIs 4-31-05. 450, 600, 750 & 900mmØ sewers to be Polypipe Rigisewer pipes to WSA

Imported bedding & sidefill material to be of an approved type and to extend a minimum of 100mm above & below pipe and a minimum of 150mm either side of the pipe

All pipes to be installed in accordance with HPPA guide and/or manufacturer's recommendations.

- The contractor shall confirm with DCWW Product Group the acceptability of all plastic pipes prior to order.
- Installation of structured wall plastic pipes must be carried out by a contractor who
  is accredited to the British Plastics Federation Plastic Pipe Group. A certificate
  confirming the Contractors accreditation must be supplied to DCWW.



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# POBL GROUP

**NEWPORT** 

PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT
KIRBY DANIEL COURT

DRAWING ROAD AND DRAINAGE

LONGITUDINAL SECTIONS

 Drawn
 S.A.M.
 Checked
 P.B.
 Date Oct.18
 Scale 1:200H,1:100V

 Drawing Size
 Job No.
 Drawing No.
 Rev.

 A1
 16230
 O3

 DRAWING STATUS: P = PRELIMINARY T = TENDER C = CONSTRUCTION

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