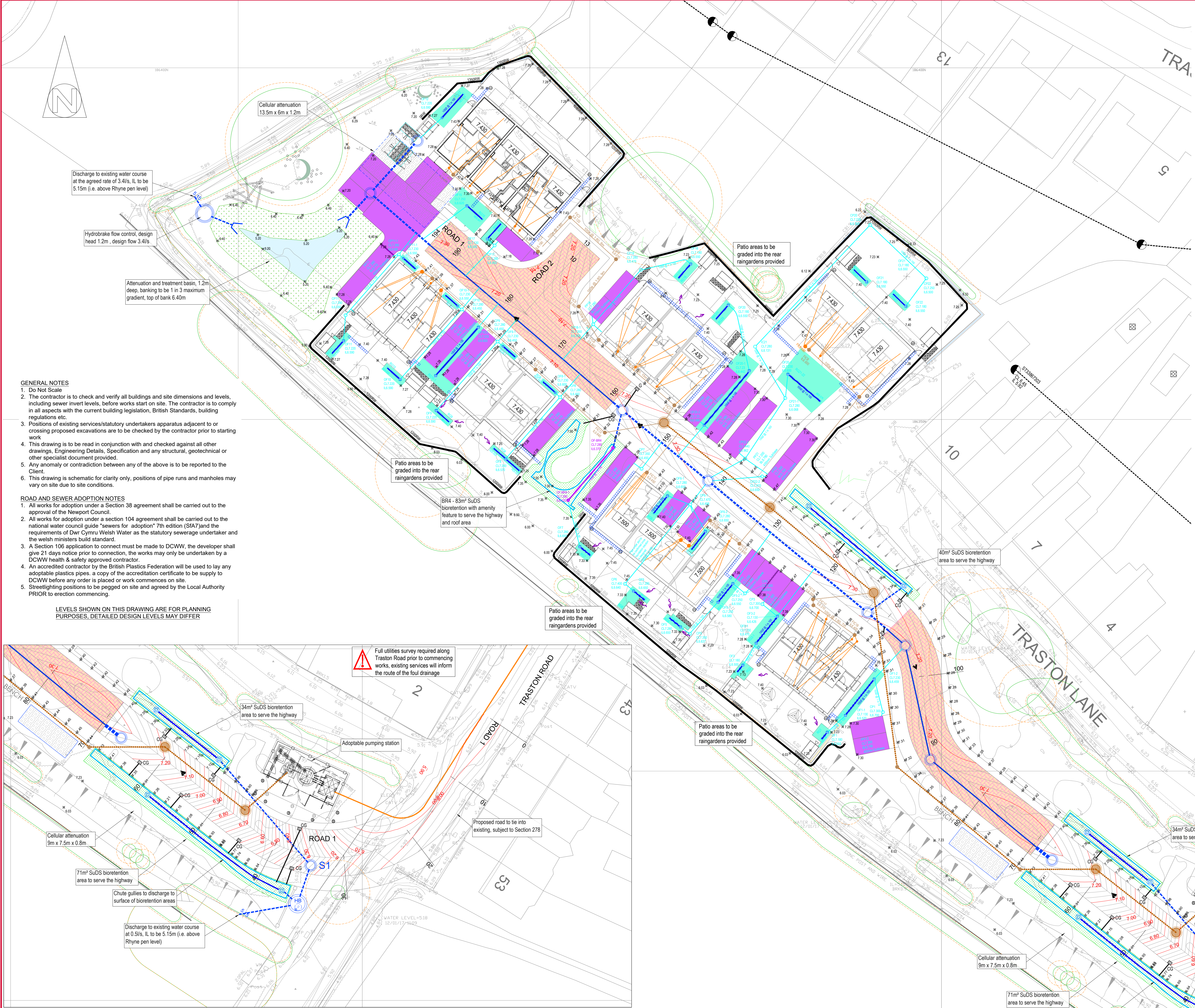




Legend

Proposed Rising Main

Proposed Hydrobrake flow control (SAB)

Proposed Surface Water Sewer (SAB)

Proposed Welsh Water Foul Sewer (Section 104)

Existing Welsh Water Combined Sewer

Adoptable foul lateral drain (1000 unless shown otherwise) (SFA7th)

Adoptable foul inspection chamber <3.0m deep with restricted access depths over 1.2m (Refer to lateral schedule - SFA7th).

Private foul drain (1000 unless shown otherwise)

Private foul inspection chamber <3.0m deep with restricted access depths over 1.2m (700mm deep unless noted)

Raingarden overflow

SuDS Bioretention (serves highway and is adoptable by the SAB)

SuDS Attenuation Basin

Proposed SAB Perforated Pipe (SAB).

Proposed SAB Raingarden underdrain (SAB).

SuDS Permeable Paving (private only serving a single plot)

SuDS Permeable Paving separating membrane

Section 38 Permeable Paving (Adoptable by NCC) 80mm block, 50mm grit, subbase as noted

SuDS Private Raingarden (private only serving a single plot)

Precast headwall

Proposed Cellular Attenuation

Finished Floor Level (FFL) minimum 7.430m

Retaining Wall

SuDS planter

Chute gully & connection (Adoptable under Section 38)

Raingarden underdrain 1000 laid at 1 in 100

Road gully & connection (Adoptable under Section 38)

SuDS swale inlet

Rainwater Butt (with overflow)

Private surface water inspection chamber <3.0m deep with restricted access depths over 1.2m.

Catchpit

Channel / Aco drain or similar approved (150mm wide at garage threshold)

Permeable paving under drain

Routing of surface water

Rodding eye (450mm deep unless noted otherwise)

Banking (maximum 1:2)

- GENERAL NOTES
1. Do Not Scale
 2. The contractor is to check and verify all buildings and site dimensions and levels, including sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
 3. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work
 4. This drawing is to be read in conjunction with and checked against all other drawings, Engineering Details, Specification and any structural, geotechnical or other specialist document provided.
 5. Any anomaly or contradiction between any of the above is to be reported to the Client.
 6. This drawing is schematic for clarity only, positions of pipe runs and manholes may vary on site due to site conditions.

- ROAD AND SEWER ADOPTION NOTES
1. All works for adoption under a Section 38 agreement shall be carried out to the approval of the Newport Council.
 2. All works for adoption under a section 104 agreement shall be carried out to the national water council guide "sewers for adoption" 7th edition (SfA7) and the requirements of Dwr Cymru Welsh Water as the statutory sewerage undertaker and the Welsh ministers build standard.
 3. A Section 106 application to connect must be made to DCWW, the developer shall give 21 days notice prior to connection, the works may only be undertaken by a DCWW health & safety approved contractor.
 4. An accredited contractor by the British Plastics Federation will be used to lay any adoptable plastics pipes, a copy of the accreditation certificate to be supply to DCWW before any order is placed or work commences on site.
 5. Streetlighting positions to be pegged on site and agreed by the Local Authority PRIOR to erection commencing.

LEVELS SHOWN ON THIS DRAWING ARE FOR PLANNING PURPOSES, DETAILED DESIGN LEVELS MAY DIFFER

P08	24.06.26	Site layout amended	TOR	SJD
P07	26.04.26	Site layout amended	TOR	SJD
P06	14.01.26	Site layout amended	TOR	SJD
P05	22.10.25	Site layout amended	TOR	SJD
P04	18.05.25	External spot levels added.	SJD	TOR
P03	08.04.25	Road levels amended	TOR	SJD
P02	07.04.25	FFLs raised above the 1 in 200 yr + CC flood event	TOR	SJD
7	05.12.24	First Issue	TOR	SJD
REV.	DATE.	DETAILS.	BY.	CHK.

CLIENT:

Bron Afon **WELLSPRING**

phg **CONSULTING ENGINEERS**

PHG CONSULTING LTD
107 GORREDD ROAD EAST
CARDIFF CF11 9AG
T: +44(0)29 200 2021
E: enquiries@phg-consulting.com
W: www.phg-consulting.com
X: @PHG_consulting
www.linkedin.com/company/phg-consulting-engineers

PROJECT:

Traston Road, Newport

DRAWING TITLE:

Engineering Layout

DRG NO:	PROJECT	ORIGIN	VOLUME	LEVEL	TYPE	ROLE	NUMBER
2595-PHG-XX-XX-DR-C-0001							
DRAWN:	CHK:	PHG JOB NO:	SCALES		AT A1		
TOR	SJD	2595	1:200				
DATE:	05.12.24	SUITABILITY	PL	REV:	P08	STATUS:	S1