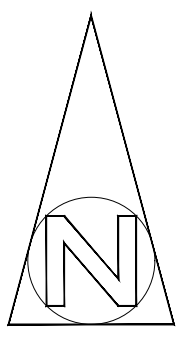




- SEWER ADOPTION NOTES**
1. ALL WORKS FOR ADOPTION UNDER A SECTION 104 AGREEMENT SHALL BE CARRIED OUT TO THE NATIONAL WATER COUNCIL GUIDE "SEWERS FOR ADOPTION" 7TH EDITION. THE REQUIREMENTS OF WELSH WATER AS THE STATUTORY SEWERAGE UNDERTAKER AND THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY (CESWI) 7TH EDITION AND DCWW AMENDMENTS TO CESWI
 2. 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.
 3. 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.
 4. PLASTIC PIPE SYSTEMS APPROVED BY DCWW ARE AS FOLLOWS:
OSMA ULTRARIB SYSTEM
MARLEY TWINWALL SYSTEM
UPONER ULTRARIB SYSTEM
POLYSEWER TWINWALL SYSTEM
POLYPIPE RIGIDSEWER (400-600mm AND 750-900mm)
 5. THE INSTALLER MUST BE ACCREDITED WITH THE BRITISH PLASTICS FEDERATION (BPF)

- SUDS APPROVING BODY NOTES**
1. ALL WORKS FOR ADOPTION BY THE SAB SHALL BE CARRIED OUT IN LINE WITH THE DETAILS PROVIDED AND APPROVED AND ANY SPECIFIC GUIDANCE PROVIDED BY THE WELSH GOVERNMENT OF SAB.
 2. NO WORKS SHALL COMMENCE UNTIL AGREED WITH THE SAB

- 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 COASTAL HOUSING GROUP
 6. THIS DRAWING IS SCHEMATIC FOR CLARITY ONLY. POSITIONS OF PIPE RUNS AND MANHOLES MAY VARY ON SITE DUE TO SITE CONDITIONS.



- Legend**
- Proposed Welsh Water Storm Manhole (Section 104)
 - Proposed Welsh Water Foul Manhole (Section 104)
 - Proposed Adoptable Surface Water Sewer (SAB)
 - Proposed Adoptable Flow Control (SAB)
 - Existing Welsh Water Sewer
 - Existing Welsh Water Surface Water 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)
 - Fin Drain
 - Block paving channel to take RWP to permeable paving
 - Precast headwall
 - SuDS Permeable Paving (private only serving single ownership)
 - Private Rainingarden
 - Finished Floor Level (FFL)
 - Proposed spot level
 - Retaining Wall
 - Underbuild
 - Banking (maximum 1:2)
 - Steps (R = riser (maximum rise 150mm) G = going (minimum going 280mm) maximum of 12 steps per flight)
 - Building Regulations Part M level landing (to be 1200 x 1200 and to be graded away from threshold at 1:60)
 - Proposed Private Flow Control (SAB)
 - Private surface water drain (1000 unless shown otherwise)
 - Private surface water inspection chamber <3.0m deep with restricted access depths over 1.2m.
 - Rodding eye (450mm deep unless noted otherwise)
 - Catchpit Gully
 - Downpipe
 - Catchpit
 - WaterButt
 - Adoptable Footway (Section 38)
 - Adoptable Carriageway (Section 38)
 - Adoptable Permeable Paving (Section 38)
 - Adoptable Rumble Strip (Section 38)
 - Private Footway

REV	DATE	DETAILS	AMENDMENTS	BY	CHK
E	01/03/24	Invert levels added to existing drainage		TOR	SJD
D	16/01/24	Layout updated		TOR	SJD
C	09/11/23	Further details added		TOR	SJD
B	08/11/23	Layout updated		TOR	SJD
A	16/05/23	Issued for SAB		AA	TOR
-	24/02/23	Issued for Planning		TOR	SJD

CLIENT:

COASTAL HOUSING GROUP

phg CONSULTING ENGINEERS

PHG CONSULTING LTD
107 COWBRIDGE ROAD EAST
CARDIFF CF11 9AG
T : +44(0)29 2030 2521
E : enquiries@phg-consulting.com
W : www.phg-consulting.co.uk

PROJECT: Coastal Housing
Harvey Crescent
Aberavon, Port Talbot

DRAWING TITLE: Engineering Layout

DRAWN:	CHK:	STATUS:	SCALE:
TOR	SJD	Approval	1:200 @ A1

DATE:	JOB NO:	DRG. NO:	REV:
Aug 2022	2336	100	E