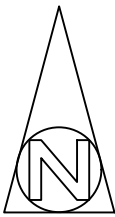




SHALLOW DETENTION BASIN. AVERAGE 200 mm DEEP,
BANK GRADIENT AT 1 in 5
DETENTION BASINS REMAIN DRY FOR MAJORITY OF
RAINFALL EVENTS, I.E. THEY ARE SUITABLE TO SERVE
AS A POS
THE ROAD CROSSFALL HAS BEEN DESIGNED TO
DIRECT HIGHWAY RUNOFF INTO THE SHALLOW BASINS,
ALLOWING FOR DIRECT INGRESS OF THE WATER INTO
THE FEATURES VIA FILTER DRAIN AS SHOWN.

FREE FW & SW DISCHARGE TO
EXISTING INFRASTRUCTURE.
SW ATTENUATION ACCOMMODATED
WITHIN LOCAL SYSTEM VIA CELLS
AND POND.
FW TO SITE FOUL PUMPING STATION
TO THE SOUTH EAST OF THE SITE.

FREE FW & SW DISCHARGE TO EXISTING INFRASTRUCTURE.
SW ATTENUATION ACCOMMODATED WITHIN LOCAL SYSTEM VIA
CELLS AND POND.
FW TO SITE FOUL PUMPING STATION TO THE SOUTH EAST OF
THE SITE.
AGREED AS PART OF 12/0433 - PARTIAL DISCHARGE OF
CONDITION 22 (SURFACE WATER DRAINAGE)



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, NRSWA1991, 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 Monmouthshire Housing Association.
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 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 and Dwr Cymru Welsh Water's requirements.
3. Street lighting positions to be pegged on site and agreed by the local authority prior to erection commencing.

Legend

	Finished Floor Level (FFL) +/-450mm
	Retaining Wall
	Existing DCWW Surface Water Sewer
	Existing DCWW Foul Sewer
	SuDS Bioretention Area
	SuDS Permeable Paving (private) average subbase depth 0.4 m
	SuDS Permeable Paving (adopted) average depth 0.5 m
	Filter Drain
	Private surface water drain (1000 unless shown otherwise)
	SuDS basin - adopted

B	07/06/24	SAB Bio-retention areas shown for information.	SJD	TOR
A	21/05/24	Updated following site layout review.	SJD	TOR
-	23/02/24	First Issue	PBO	SJD
Rev.	Date	Details	By	Chk.

Client:

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Project:

**Monmouthshire Housing
Monbank
Newport**

Drawing title:

Engineering Layout

Drawn:	Chk:	Status:	Scale:
SJD	TOR	Planning	1:500 @ A1
Date:	Job no.	Dwg no.	Rev.
Feb-24	2460	100	B