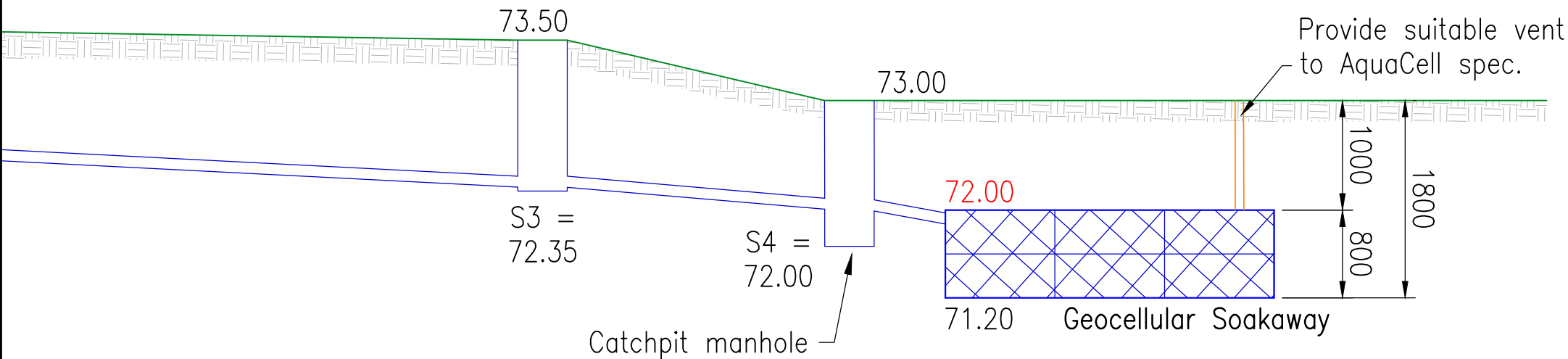




Drainage Longitudinal Section at Soakaway

Scale 1:50

STORM WATER DRAINAGE MANHOLE SCHEDULE

MANHOLE REF.	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	MANHOLE TYPE	DIAMETER (or)	COVER (150mm DP)
S1	73.55	73.10	0.45	Plastic	225mmØ	A15 225mmØ
S2	73.70	73.00	0.70	Plastic	450mmØ	B125 450mmØ
S3	73.50	72.35	1.15	Plastic	450mmØ	A15 450mmØ
S4	73.00	72.00	1.00	Plastic Catchpit	450mmØ	A15 450mmØ
S5	73.50	72.50	1.00	Plastic	225mmØ	A15 225mmØ
Soakaway A	73.00 (average)	71.20 (base level)	1.80	N/A	N/A	N/A

The Contractor is to check all levels and gradients before laying the drainage and report any perceived issues to MW Consult Ltd immediately.

PRIVATE DRAINAGE NOTES

ALL PIPEWORK SHALL BE uPVC COMPLYING WITH SEWERS FOR ADOPTION 7th EDITION, CESWI 6th EDITION AND ALL CURRENT RELEVANT BRITISH STANDARDS, BBA CERTIFICATES AND MANUFACTURERS RECOMMENDATIONS AND INSTALLED TO MEET THE SAME.

PROVIDE 150mm CONCRETE SURROUND WITH FLEXIBLE JOINTS WHERE SEWER PIPES HAVE LESS THAN 900mm COVER IN NON-ADOPTABLE TRAFFICKED AREAS. ALL OTHER DEPTH PIPELINES SHALL HAVE GRANULAR PIPE BED AND SURROUND AS DETAILS. IN NON-TRAFFICKED AREAS WHERE THERE IS NO RISK OF DAMAGE FROM GARDEN IMPLEMENTS (SURFACED PATHS) SHALL HAVE GRANULAR BED AND SURROUND AS DETAILS. WHERE THERE IS A RISK FROM GARDEN IMPLEMENT DAMAGE AND PIPELINE HAS LESS THAN 600mm COVER PROVIDE 50mm DP CONCRETE PAVING SLAB LAID ON 75mm GRANULAR PIPE BEDDING MATERIAL ABOVE CROWN OF PIPELINE.

ALL PRIVATE PATHS ASSUMED TO FALL ON TO SOFT LANDSCAPING AREAS.

ALL CONNECTIONS WITH ADOPTABLE FOUL WATER SEWERS SHALL BE CONNECTED SOFFIT TO SOFFIT.

ALL BRANCHES INTO BUILDINGS AND TO RAINWATER GULLIES SHALL BE 100mmØ UNO.

ALLOW FOR PRECAST CONCRETE LINTELS BY STRESSLINE OR SIMILAR OVER PIPELINES THROUGH WALLS AND PIPE JOINTS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

IMPORTANT

ALL FLOOR GULLIES SHALL BE RODDABLE AND ALL SOIL STACKS SHALL HAVE RODDING ACCESS FACILITY AT EACH FLOOR LEVELS.

SETTING OUT

IT IS RECOMMEND THAT ALL SETTING OUT IS CARRIED OUT USING CO-ORDINATES BASED ON ELECTRONIC SURVEY STATIONS AND GRID FOR ALL ELEMENTS OF DEVELOPMENT TO AVOID FUTURE PROBLEMS IN RELATION TO ADOPTION, CONVEYANCE / LAND REGISTRY - SETTING OUT CO-ORDINATES ARE AVAILABLE FROM MWC ON REQUEST.

THE CONTRACTOR SHALL ALLOW FOR MAINTAINING ONE COMPLETE SET OF MW CONSULT LTD DRAWINGS ON SITE TO RECORD ANY CHANGES MADE TO THE DESIGN DURING THE CONSTRUCTION PHASE FOR THE PRODUCTION OF THE AS BUILT DRAWINGS FOR THE DEVELOPMENT.

IT IS POSSIBLE THAT EXISTING UTILITY COMPANY UNDERGROUND SERVICES & APPARATUS ARE PRESENT WITHIN THE PROPOSED WORKS AREA. THE CONTRACTOR SHOULD ALLOW FOR ALL NECESSARY INVESTIGATIVE WORK (CAT DETECTION, TRIAL HOLES, ETC.) TO DETERMINE ROUTE AND DEPTH OF ALL UNDERGROUND SERVICES TO AVOID DAMAGE AND PRESERVE SUPPLIES TO EXISTING DWELLINGS.

ALL WORKS SHALL BE IN ACCORDANCE WITH CURRENT RELEVANT SECTIONS OF:

- * SEWERS FOR ADOPTION
- * BUILDING REGULATIONS
- * BRITISH STANDARDS

Drainage design and construction to be in accordance with Sewers for Adoption 7th edition and the requirements of the Statutory Undertaker.

ORIGINAL DRAWING SIZE: A3. WORK TO FIGURED DIMENSIONS ONLY - DO NOT SCALE.
ALL WORKS MUST BE UNDERTAKEN BY A SUITABLY COMPETENT AND EXPERIENCED CONTRACTOR.
THE CONTRACTOR IS TO CHECK ALL LEVELS AND DIMENSIONS BEFORE WORK COMMENCES, AND ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO MW CONSULT LTD.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER MW CONSULT PROJECT DRAWINGS AND SPECIFICATIONS AND ALL OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS RELATING TO THIS PROJECT.

CLIENT:
Mr Steffan Jenkins

PROJECT:
Proposed Development at
Elias Road, Bryncoch, Neath

DRAWING TITLE:
Proposed Manhole Schedule &
Soakaway Longitudinal Section

Drawing Status: For Comment

DRAWN BY: MW	DESIGN BY: MW	CHECKED BY: MW	DATE: 08/05/22
SCALE: 1:50 (A3)	DRAWING No.: 22/123(02)	REVISION: -	