

THE CONTRACTOR SHOULD MAKE REFERENCE TO THE SITE INVESTIGATIONS AND ANY REMSTRAT REPORTS PREPARED FOR GROUND CONDITIONS, GROUND WATER, RISKS POSED BY CONTAMINATION, BURIED OBSTRUCTIONS ETC.

ALL MANHOLE COVER LEVELS ARE INDICATIVE/APPROXIMATE ONLY AND MAY NEED TO BE ADJUSTED TO SUIT THE ACTUAL FINISHED LEVELS OF THE EXTERNAL AREAS

DO NOT SCALE FROM THIS DRAWING. USE GIVEN DIMENSIONS ONLY. ALL DIMENSIONS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DIMENSIONAL DISCREPANCIES TO BE REPORTED BACK TO HEALEY CONSULTING PRIOR TO PROCEEDING WITH CONSTRUCTION

## NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS, ENGINEERS, M&E CONSULTANTS AND SPECIALIST MANUFACTURERS INSTRUCTIONS ETC.

ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH BS8301, BS8005 AND THE BUILDING REGULATIONS.

ALL PIPE SURROUNDS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF SEWERS FOR ADOPTION 7TH EDITION.

EXACT LOCATIONS OF FOUL OUTLETS REFER TO ARCHITECTS DRAWINGS IN CONJUNCTION WITH M&E CONSULTANTS DRAWINGS.

EXACT LOCATIONS OF RWP's AS PER ARCHITECTS DRAWINGS.

SURFACE WATER DRAINS SHALL COMPRISE EITHER HDPE (TO BS EN 1401-1), OR PCC (TO BS 5911) OR VC (TO BS 65 & BS EN 295)

FOUL WATER DRAINS TO BE VC (TO BS 65 / BS EN 295)

CHANNEL DRAINS TO HAVE CONCRETE SURROUNDS.

GULLY OUTLET INVERT LEVELS TO BE MIN 600mm BELOW COVER LEVEL.

ALL MANHOLE AND INSPECTION CHAMBER COVERS, FRAMES, IN DRIVEWAY AREAS ARE TO COMPLY WITH EITHER BS 497: PART 1 - HEAVY DUTY COVERS TO M40 OR BS EN 124 GRADE D400

ALL FOUL DRAINAGE BRANCHES TO BE MIN 100MM I/D.

ALL S&VP STACKS TO HAVE RODDABLE ACCESS COVERS LOCATED APPROX 150mm ABOVE FINISH FLOOR LEVEL.

ALL CHANNEL DRAINAGE OUTLETS TO BE RODDABLE.

ALL DRAINAGE WITH LESS THAN 1200mm COVER TO SOFFIT OF PIPE TO HAVE 150mm THK CONCRETE ENCASEMENT.

ALL CONCRETE WITHIN GROUND TO BE SULPHATE RESISTING TO THE RECOMMENDATIONS OF THE SITE INVESTIGATION FOR THE PROJECT.

THE CONTRACTOR IS TO CONFIRM THE INVERT LEVELS OF ANY PREVIOUSLY INSTALLED DRAINAGE WHICH IS TO BE USED FOR CONNECTION PRIOR TO ANY CONSTRUCTION TAKING PLACE.

MANHOLE COVER LEVELS ARE INDICATIVE/APPROX. AND MAY NEED TO BE ADJUSTED TO SUIT THE ACTUAL FINISHED LEVELS OF THE EXTERNAL AREAS. ALL MANHOLE COVERS ARE TO BE IN ACCORDANCE WITH SECTION E2.32 AND TABLE E.6 OF SEWERS FOR ADOPTION 7TH EDITION.

ALL SELECTED MATERIALS AND STANDARDS OF ALL WORKMANSHIP INCLUDING BACKFILLING AND COMPACTION, ARE TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION.

## DRAINAGE DESIGN PHILOSOPHY

REFER TO DRAINAGE STRATEGY DRAWING PREPARED BY RENAISSANCE. THE DESIGN IS FOR 1 in 100 YEAR STORM EVENT WITH 40% CLIMATE CHANGED. THE DESIGN REQUIRES 370CUBIC METRES NETT OF STORAGE OF RAINFALL. THIS OUTFALL DISCHARGE IS LIMITED TO 5LITRES PER SECOND.

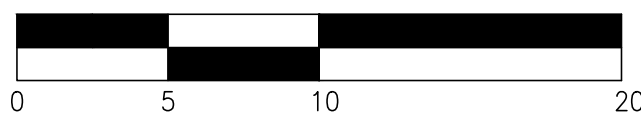
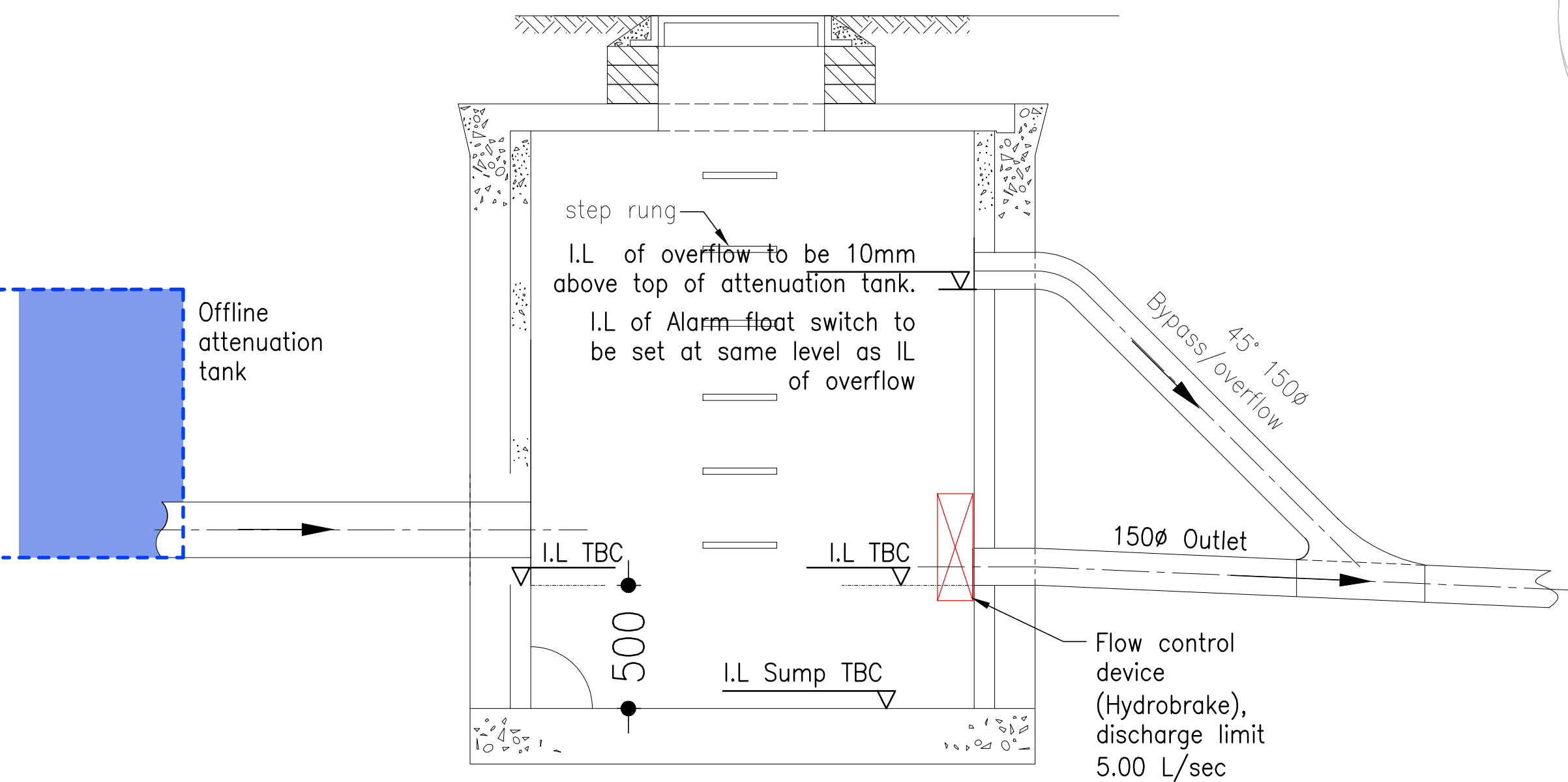
## FUTURE MAINTENANCE STRATEGY

DURING THE FIRST YEAR OF OPERATION, INSPECTION SHOULD IDEALLY BE CARRIED OUT AFTER EVERY SIGNIFICANT STORM EVENT TO ENSURE PROPER FUNCTIONING OF THE DRAINAGE SYSTEM. FOLLOWING THIS, THE MINIMUM MAINTENANCE REQUIREMENTS WOULD BE AS FOLLOWS:

CHANNEL DRAINS TO BE INSPECTED REGULARLY AND CLEANED WHEN DEEMED NECESSARY. CHANNEL DRAIN SILT TRAP OUTLETS TO BE INSPECTED REGULARLY AND SILT BASKETS TO BE CLEANED OUT AS NECESSARY.

FLOW CONTROL MANHOLE/CHAMBERS ARE TO BE INSPECTED PERIODICALLY TO ENSURE PROPER WORKING ORDER/FUNCTION. ANY DEBRIS OR SILT IS TO BE REMOVED TO ENSURE THE FLOW CONTROL DEVICE FUNCTIONS PROPERLY AND PUMPS ARE NOT BLOCKED.

ATTENUATION TANKS ARE TO BE INSPECTED AND MAINTAINED TO ENSURE PROPER OPERATION OF THE UNIT. FREQUENCY OF INSPECTION/MAINTENANCE REGIME AND THE NATURE OF MAINTENANCE REQUIRED IS TO BE ADVISED BY THE TANK MANUFACTURER.



SCALE BAR 1:250

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| ARCHITECT / CLIENT                                                                                                                         |      |    |                     |
| CALLUM SELLARS                                                                                                                             |      |    |                     |
| PROJECT                                                                                                                                    |      |    |                     |
| CARR WOOD COTTAGE                                                                                                                          |      |    |                     |
| SCHOOL LANE                                                                                                                                |      |    |                     |
| NORDEN. ROCHDALE                                                                                                                           |      |    |                     |
| TITLE                                                                                                                                      |      |    | DRAWN BY            |
| DRAINAGE GA PLAN                                                                                                                           |      |    | M.B.                |
|                                                                                                                                            |      |    | DATE                |
|                                                                                                                                            |      |    | MARCH '25           |
|                                                                                                                                            |      |    | SCALE               |
|                                                                                                                                            |      |    | 1:250               |
| DRAWING NO.                                                                                                                                |      |    | REVISION            |
| HC-23194-(30)-001                                                                                                                          |      |    |                     |
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