



2,000 litre Rainwater Harvesting tank to provide non-potable water to the toilets

IC01
Depth = 0.8m

IC02
Depth = 0.84m

IC03
Depth = 0.95m

IC11
Depth = 0.65m

Inlet Level -
GL Less 0.6m

IC10
Depth = 0.5m

Permeable pavement
car park (See Drawing
6522 / 002 for section)

KEY:

- Proposed Surface Water Drainage
- Proposed Foul Drain
- 150mm Perforated Pipe
- Rain Water Pipe to connect to Aco drain
- Proposed 450mm Diameter Private Inspection Chamber
- Aco Drain (See Note 19)

Site View
(Scale 1:100)

GENERAL NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT HEMSLEY CONSULTING AND SPECIALIST CONTRACTORS PLANS AND DETAILS.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND CODES OF PRACTICE AND IN ACCORDANCE WITH ALL APPROVED INSPECTORATE STANDARDS.
- ALL CHAMBER AND PIPELINE CONSTRUCTION TO BE IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF THE BUILDING REGULATIONS PART H, BS EN 752 AND THE MANUFACTURERS' RECOMMENDATIONS.
- CONCRETE GRADES TO BE TO BS8500: GRADE ST4 UNLESS SPECIFIED OTHERWISE.
- PIPEWORK TO COMPRISE: 100/150MM DIA. OSMA DRAIN TO BS 13476 (FOR FOUL FLOW), AND 100MM/150MM/225MM OSMA TWIN WALL PIPE FOR SURFACE WATER FLOWS OR SIMILAR APPROVED.
- CLASS Z CONCRETE BED AND SURROUND TO BE PROVIDED AS FOLLOWS: 100MM DIA. WITH LESS THAN 0.30M COVER AND 150MM DIA. WITH LESS THAN 0.60M COVER 'FLEXCELL' OR SIMILAR REQUIRED AT EACH PIPE JOINT NB: CONCRETE BED AND SURROUND ALSO REQUIRED FOR PIPELINES BENEATH VEHICULAR AREAS AND ADAPTABLE CARRIAGEWAYS WITH LESS THAN 1.20M COVER FROM FINISHED LEVELS. GLASS S GRANULAR BED AND SURROUND TO BE PROVIDED WHERE PIPES ARE LOCATED BENEATH SURFACED AREAS WITH COVER DEPTHS GREATER THAN ABOVE.
- N.B. THE ABOVE INFORMATION RELATES TO PIPELINE PROTECTION AT DEPTHS FROM FINISHED LEVELS AND ADDITIONAL PROTECTIVE MEASURES MAY BE NECESSARY TO PROTECT PIPES FROM CONSTRUCTION OPERATIONS. TYPE 1 GRANULAR BACKFILL REQUIRED TO BEDDINGS Z & S.
- FOR FULL NOTES ON CLAY PIPES: REFER TO CPDA PAMPHLET 'TECHNICAL NOTES FOR VITRIFIED CLAY PIPES'.
- ALTERNATIVE PIPES AND FITTING IN PLASTICS IN PVC-U STRUCTURED WALL OR PLAIN WALL MAY BE USED IN ACCORDANCE WITH WIS 04-35-01 AND BS EN 1401-01 WITH FLEXIBLE JOINTS AND MANUFACTURERS RECOMMENDATIONS.
- ALL EXISTING LEVELS OF DRAINS, MANHOLES & CONNECTION POINTS TO BE CHECKED BEFORE WORK COMMENCES.
- ALL EXISTING STATUTORY AUTHORITIES AND PRIVATE SERVICES, WATER MAINS ETC. TO BE CAREFULLY LOCATED AND EXPOSED BEFORE WORK COMMENCES.
- PRECISE SETTING OUT OF NEW DRAINS TO BE CHECKED ON SITE AFTER NOTES 8 & 9 ARE COMPLETE.
- LONG RADIUS BENDS TO BE USED AT BASE OF BG'S/SVP'S ETC.
- MANHOLE COVER LOAD CLASSES TO BS EN 124.
- FOUL DRAIN PIPES ARE GENERALLY 100MM LAID AT 1:60 UNLESS OTHERWISE STATED. SURFACE WATER DRAIN PIPES ARE 100MM DIAMETER GENERALLY LAID AT 1:60 UNLESS OTHERWISE STATED.
- BASE OF THE SLOW BEND TO SOIL STACKS SHALL BE AT FFL MINUS 600MM. THE FFL IS TO BE DETERMINED.
- FOUL DRAINS FROM INTERNAL STACKS SHOULD BE NO FLATTER THAN THE GRADIENTS SHOWN, BUT MAY REQUIRE STEEPER GRADIENT UPSTREAM OF EXTERNAL CHAMBERS.
- IT IS ASSUMED THAT ALL EXTERNAL SURFACES SHALL BE PERMEABLE. EXTERNAL SURFACING LEVELS AND LANDSCAPING PROPOSALS ARE TO BE ADVISED BY THE CLIENT TO THE DRAINAGE ENGINEER PRIOR TO COMPLETING THE DESIGN.
- ACO DRAINS ARE SIZED TO BE MULTIDRAIN 150D 0.0 OR SIMILAR AS APPROVED BY THE DRAINAGE ENGINEER.

PRELIMINARY

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client: THE CRAWLEY DOWN VILLAGE HALL MANAGEMENT COMMITTEE		
project: CRAWLEY DOWN VILLAGE HALL HOPHURST LANE, CRAWLEY DOWN		
title: CRAWLEY DOWN VILLAGE HALL DETAILED DESIGN		
date:	JUNE-2026	scale: 1:100 @ A1
drawn by:	SJP	checked: PT
project no:	6522	drawing no: 6522 / 001
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Ensure a line of cobbled setts is retained at the entrance to the site and set proud of the road surface to ensure rainfall runoff from the highway is directed to the existing highway gullies and not into the car park

The foul drainage system is to connect to the public sewer system located on the opposite side of Hophurst Lane