

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.

EXACT LOCATIONS OF RWP's TO ARCHITECTS DETAILS.

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 NOTED AS ACO TO BE EQUAL AND APPROVED.

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

ALL MANHOLE AND INSPECTION CHAMBER COVERS ARE TO COMPLY WITH EITHER BS 497: PART 1 - HEAVY DUTY COVERS TO MA60 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 EXISTING DRAINAGE WHICH IS TO BE USED FOR CONNECTION PRIOR TO ANY CONSTRUCTION TAKING PLACE (ie LAYING OF PIPES) AND TO ALSO HAVE CAMERA SURVEYS UNDERTAKEN TO ESTABLISH CONDITION.

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

THE AS SHOWN DRAINAGE DESIGN IS BASED ON THE ASSUMPTION THAT THE DEEPER BELOW GROUND SUB-SOILS ARE OF A GRANULAR NATURE AND ARE NATURALLY PERMEABLE AND THAT THERE IS NOT A BELOW GROUND WATER TABLE ANY HIGHER THAN 4.0m BELOW THE SITE LEVEL. THIS ASSUMPTION NEEDS TO BE PROVEN ON SITE BY CARRYING OUT DEEPER SITE INVESTIGATIONS TO ESTABLISH THE NATURE OF THE DEEPER UNDERLYING SOILS IN ADDITION TO BRE:365 SOAKAWAY TESTING. SHOULD THE DEEPER GROUND CONDITIONS TO BE OF A CLAY NATURE OR OTHERWISE IMPERMEABLE, THEN THE DESIGN WOULD NEED TO BE REVISITED TO ALLOW FOR THE SURFACE WATER TO CONNECT INTO THE RIVER ROCH. THIS DESIGN WILL REQUIRE ATTENUATION OF THE DISCHARGE TO A PROBABLE LIMIT OF 5 LITRES PER SECOND WHICH WILL REQUIRE STORAGE TANKS OF THE SAME SIZE AS THE SHOWN SOAKAWAY TANKS AND WITH A HYDROBRAKE MANHOLE CHAMBER WHICH WILL ACT AS THE THROTTLE TO THE FLOW-RATE

REV	DATE	BY	DETAILS OF REVISION
ARCHITECT / CLIENT			
PULMANN JHAI			
PROJECT			
NEW DWELLINGS			
OFF WATERFOLD LANE			
BURY			
TITLE			DRAWN BY
DRAINAGE STRATEGY			M.B.
PLAN			DATE
			AUG. '24
			SCALE
			1:125
DRAWING NO.			REVISION
HC-24476-(30)-001			

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SCALE BAR 1:125