



CONSTRUCTION
THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

MAINTENANCE/CLEANING/OPERATION.
MAINTENANCE OF SUDS FEATURES AND THE DRAINAGE SYSTEM SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE CIRIA SUDS MANUAL AND MANUFACTURERS SPECIFICATIONS

DECOMMISSIONING/DEMOLITION.
REFER TO DRAWING FOR EXTENT OF EXISTING SITE DRAINAGE TO BE ABANDONED/REMOVED

1. DO NOT SCALE FROM THIS DRAWING. ONLY FIGURED DIMENSIONS ARE TO BE USED.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
4. ALL DRAWINGS IS TO BE IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
5. 1.00 L/100 AND SURFACE WATER PIPEWORK TO BE LAID AT MINIMUM GRADIENTS OF 1:40 AND 1:100 RESPECTIVELY UNLESS NOTED OTHERWISE.
6. ALL PIPEWORK TO BE LAID AT MINIMUM NOTED OTHERWISE.
7. PIPEWORK TO BE UPVC OR VITRIFIED CLAY, WHERE CAST BENEATH OR THROUGH STRUCTURES PIPEWORK IS RECOMMENDED TO BE CAST IRON.
8. ROCKER PIPES TO BE INSTALLED AT CONNECTION POINTS TO STRUCTURES TO ALLOW FOR SETTLEMENT CAUSED BY:
 - a. AS CR VALUE IS LESS THAN 15% AN IMPERMEABLE CAPPING LAYER IS REQUIRED,
 - b. SEPTIC TANKS SIZED ON THE CURRENT EMPTYING PHILOSOPHY OF TWICE WEEKLY DURING NORMAL PERIODS AND THREE TIMES WEEKLY DURING BUSY PERIODS; TANK TO BE RESIZED TO ACCOMMODATE EMPTYING TWICE WEEKLY DURING BUSY PERIODS.
 - c. WHERE A PERMEABLE CAPPING LAYER IS NOT REQUIRED, THE STRAIGHT SLOPE GRADIENTS ARE REQUIRED, REFER TO NEW HADEN PAVES QUOTATION FOR FULL ASSUMPTIONS.
9. PERMEABLE DRAINAGE SYSTEMS ASSUMED TO HAVE LITTLE OR NO INFILTRATION CAPABILITY AND THEREFORE PROVIDED WITH POSITIVE DRAINAGE TO ALLOW FLOWS TO BE CONVEYED TO EXISTING SEWER SYSTEMS. WHERE INFILTRATION INTO THE STREET SOULS ARE REQUIRED.
10. ALL DRAINAGE IS DESIGNED TO ADAPTABLE STANDARDS WHERE POSSIBLE, AND BUILDING REGULATIONS PART H.
11. ALL DRAINAGE IS TO BE LAID SLOTT TO SUFFICIENT UNLESS OTHERWISE INDICATED.
12. EXISTING DRAINAGE LOCATION AND INVERTS SHOULD BE CONFIRMED ON SITE PRIOR TO START OF WORKS.
13. COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124.
14. COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHALL BE ADJUSTED TO SLOTT FINISHED PAVEMENT LEVELS TO MATCH SURROUNDING PAVEMENT. COVERS SHALL BE ORIENTATED TO SUIT PAVEMENT FINISHES WHERE APPROPRIATE.
15. FOR SETTING OUT DIMENSIONS, REFER TO SSC's, SVP's, RMP'S, FLOOR GULLIES & OTHER DRAINAGE POP UP LOCATIONS, REFERENCE TO ARCHITECTS OR MFP'S ENGINEERING DRAWINGS.
16. ALL COMPLETE DRAINAGE SYSTEMS SHALL BE LAID TO THE STREET SOULS OR THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.
17. TRENCES IN PROXIMITY TO TREES TO BE HAND GUED WITH CARE TO AVOID ROOT DAMAGE.
18. DRAINAGE STRATEGY SUBJECT TO PORTSMOUTH WATER APPROVAL, CONTRACTOR TO OBTAIN LOCATION OF ALL EXISTING DRAINAGE AND TO CONDUCT SURVEYS OR SLOTT TRENCHING PRIOR TO ANY EXCAVATIONS OR DRAINAGE INSTALLATIONS.

		RED LINE BOUNDARY			
		EXISTING FOUL WATER SEWER			
		EXISTING SURFACE WATER ROUTE			
		PROPOSED COMBINED WATER SEWER			
		PROPOSED FOUL WATER SEWER			
		PROPOSED SURFACE WATER SEWER			
		PROPOSED PERFORATED PIPE			
		PROPOSED FILTER PIPE			
		SEWER TO BE REMOVED / ABANDONED			
		REINFORCED GRAVEL PERMEABLE CAR PARK (350mm SUB BASE)			
		REINFORCED GRASS PERMEABLE CAR PARK (350mm SUB BASE)			
		REINFORCED GRASS PERMEABLE CAR PARK (800mm SUB BASE)			
		REINFORCED GRASS PERMEABLE CAR PARK (1000mm SUB BASE)			
		UNDERDRAINED SWALE (WITH GRAVEL LAYER)			
		FILTER DRAIN			
		CHECK DAM LOCATION			
SS			STUB STACK / SOIL VENT PIPE / RAIN WATER PIPE		
RE			PROPOSED COMBINED / FOUL / SURFACE WATER RODDING EYE		
			FLOOR GULLY / ROAD GULLY		
			CHANNEL DRAIN		
			EXISTING MANHOLE		
			PROPOSED COMBINED / FOUL / SURFACE WATER MANHOLE		
AC	-	ACCESS FITTING/CHAMBER	IL	-	INVERT LEVEL
CL	-	COVER LEVEL	MH	-	MANHOLE
C	-	COMBINED WATER	S	-	SURFACE WATER
EXT	-	EXISTING	SL	-	SOFT LEVEL
F	-	FOUL WATER	TB	-	TO BE CONFIRMED
IC	-	INSPECTION CHAMBER			

whitby wood
91-94 LOWER MARSH
LONDON SE1 7AB, UNITED KINGDOM
(0)20 7442 2216 www.whitbywood.com

PROJECT	ITCHEN VALLEY COUNTRY PARK
---------	-------------------------------

DRAWING TITLE

DATE 04.02.2022	SCALES @ A1 1:500	DRAWN BY RS	CHECKED RW	APPROVED RW
DRAWING NUMBER P450815-WW-IV-00-DR-C-1002				REVISION P5

