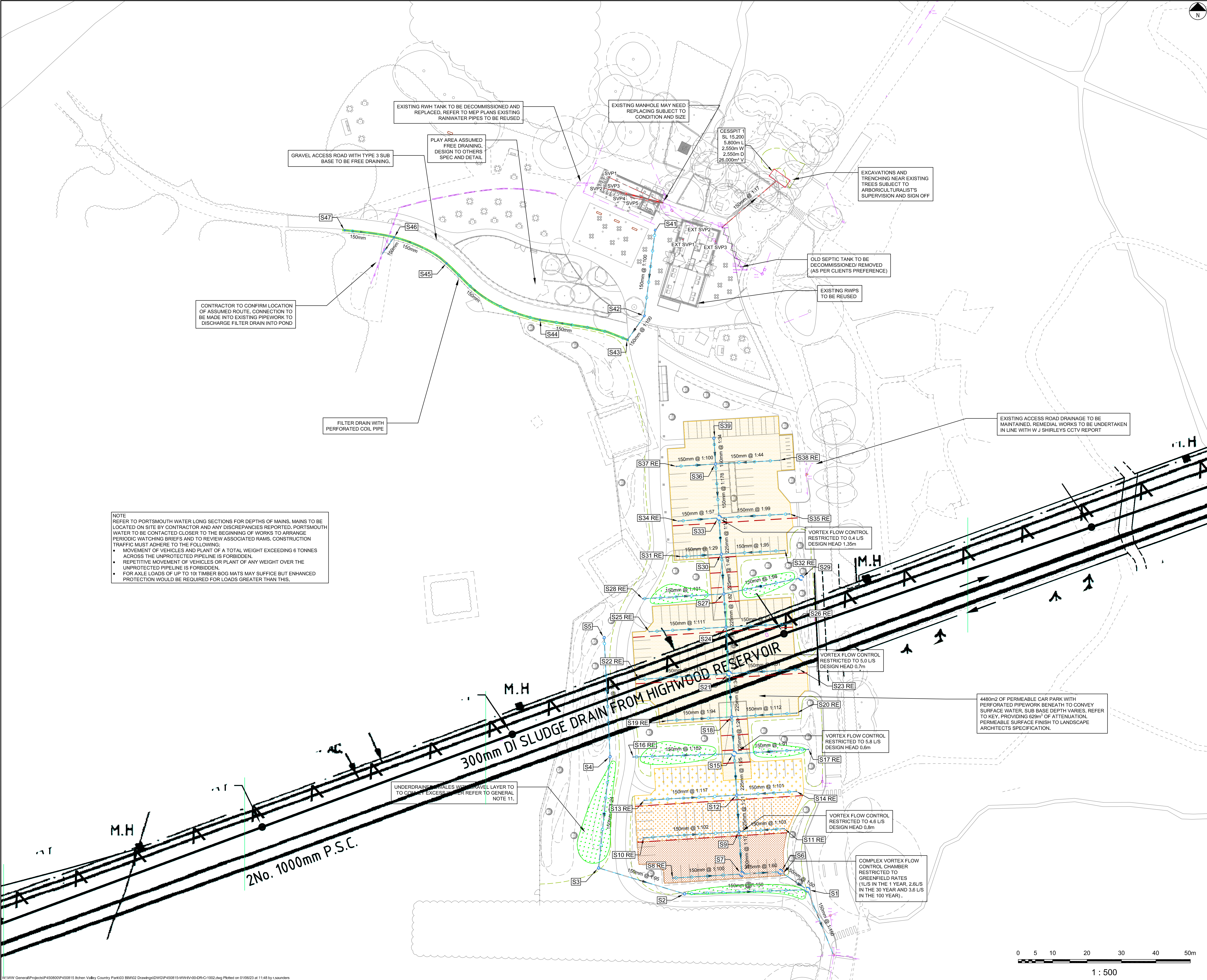




HEALTH AND SAFETY INFORMATION

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

NOTES

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. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.

5. ALL FOUL 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 100mm DIAMETER UNLESS 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 MOVEMENT CAUSED BY SETTLEMENT.

9. AS CBR VALUE IS LESS THAN 15% AN IMPERMEABLE CAPPING LAYER IS REQUIRED.

10. 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 SHOULD THE EMPTYING REGIME CHANGE OR ADDITIONAL WASTEWATER APPLIANCES BE REQUIRED. REFER TO NEW HADEN PUMPS QUOTATION FOR FULL ASSUMPTIONS.

11. PERMEABLE DRAINAGE SYSTEMS ASSUMED TO HAVE LITTLE OR NO INFILTRATION CAPABILITY AND THEREFORE PROVIDED WITH POSITIVE DRAINAGE TO ALLOW FLOWS TO BE CONVEYED TO THE PRIVATE SEWER SYSTEM AND EVENTUALLY INTO THE STREAM SOUTH OF THE SITE.

12. ALL DRAINAGE IS DESIGNED TO ADOPTABLE STANDARDS WHERE POSSIBLE, AND BUILDING REGULATIONS PART H.

13. ALL DRAINAGE IS TO BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE INDICATED.

14. EXISTING DRAINAGE LOCATION AND INVERTS SHOULD BE CONFIRMED ON SITE PRIOR TO START OF WORKS.

15. COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124.

16. COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHALL BE ADJUSTED TO SUIT FINISHED PAVEMENT LEVELS ON SITE BY CONTRACTOR. COVERS SHALL BE ORIENTATED TO SUIT PAVEMENT FINISHES WHERE APPROPRIATE.

17. FOR SETTING OUT DIMENSIONS OF SSS, SVPs, RWHPs, FLOOR GULLIES & OTHER DRAINAGE 'POP UP' LOCATIONS, REFER TO ARCHITECTS OR MEP ENGINEERS DRAWINGS.

18. CONCRETE ENCASEMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.

19. TRENCHES IN PROXIMITY TO TREES TO BE HAND DUG WITH CARE TO AVOID ROOT DAMAGE.

20. DRAINAGE STRATEGY SUBJECT TO PORTSMOUTH WATER APPROVAL. CONTRACTOR TO CONFIRM LOCATION OF PORTSMOUTH WATER ASSETS ON SITE THROUGH GPR SURVEYS OR SLIT TRENCHING PRIOR TO ANY EXCAVATIONS OR DRAINAGE INSTALLATIONS.

KEY

RED LINE BOUNDARY

EXISTING FOUL WATER SEWER

EXISTING SURFACE WATER SEWER

EXISTING SEWER ASSUMED 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 SVP RWHP

STUB STACK / SOIL VENT PIPE / RAIN WATER PIPE

RE RE RE

PROPOSED COMBINED / FOUL / SURFACE WATER RODDING EYE

FG

FLOOR GULLY / ROAD GULLY

CD

CHANNEL DRAIN

EXISTING MANHOLE

CW FW SW

PROPOSED COMBINED / FOUL / SURFACE WATER MANHOLE

AC

ACCESS FITTING/CHAMBER

CL

COVER LEVEL

C

COMBINED WATER

EXT

EXISTING

F

FOUL WATER

IC

INSPECTION CHAMBER

IL

INVERT LEVEL

MH

MANHOLE

S

SURFACE WATER

SL

SOFFIT LEVEL

TBC

TO BE CONFIRMED

P3	MODULAR UNIT REMOVED	GRH	RS	JS	31.05.2023
P2	REVISED ISSUE FOR FINAL TENDER	RS	RW	RW	23.03.2023
P1	STAGE 4 ISSUE	RS	RW	RW	04.10.2022
REV	DESCRIPTION	DRN	CHK	APP	DATE

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CLIENT

EASTLEIGH BOROUGH COUNCIL

PROJECT

ITCHEN VALLEY COUNTRY PARK

PRELIMINARY

DRAWING TITLE

PROPOSED DRAINAGE STRATEGY
MAIN SITE
ASSET RECORD OVERLAY

DATE	04.10.2022	SCALES @ A1	1:500	DRAWN BY	RS	CHECKED	RW	APPROVED	RW
DRAWING NUMBER	P450815-WW-IV-00-DR-C-1102								REVISION
								P3	

W:\WW\General\Projects\450800P\450815 Itchen Valley Country Park\03 BIM\02 Drawings\DWG\450815-WW-IV-00-DR-C-1102.dwg Plotted on 01/06/23 at 11:48 by csaunders