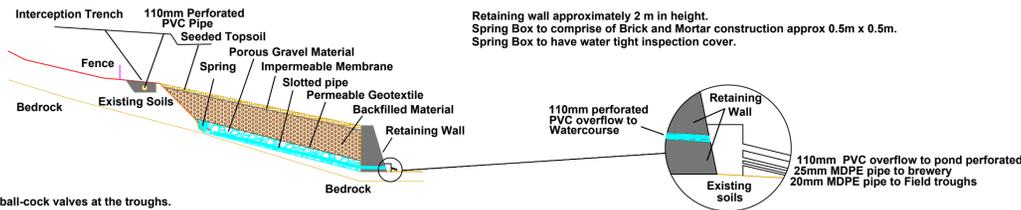


LOCATION PLAN  
(SCALE 1/1250)

### Spring Capture Proposed Design Typical Section



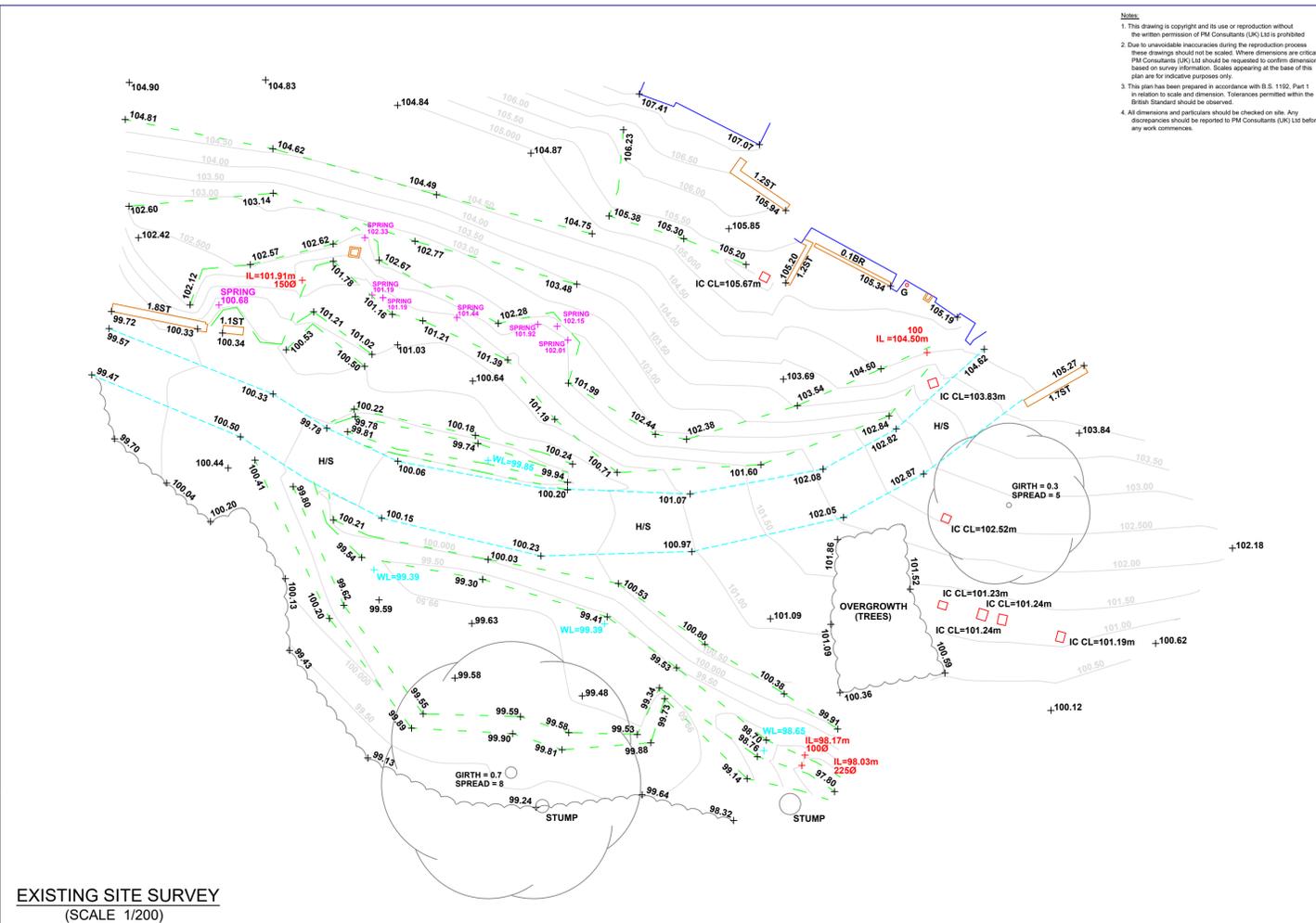
Maximum recorded flow from Springs = 2.25 l/s.  
 Maximum water required for Brewery = 0.3125 l/s.  
 Water to trough to use 20mm MDPE pipe with flow to be controlled by ball-cock valves at the troughs.  
 Water to Brewery to use 25mm MDPE pipe (allowing for flow of 0.507 l/s as below) with flow into lower tank (not pictured) will be used to abstract no more than the licensed volume ( of 0.3125 l/s) to the Brewery storage tank.  
 (Flow rate of 0.507 l/s assumes: 25mm diameter :150 roughness coefficient : 100m pipe length: 5m drop).  
 Remaining water to be discharged to the nearby pond via 110mm PVC pipe.  
 Perforated pipe to comprise perforated 110mm PVC pipe.

Cross Section	
Datum 98.00m	
Chainage (m)	0.00, 2.22, 3.31, 6.12, 7.84, 9.08, 10.03, 11.32, 12.68, 13.90, 14.29, 17.07, 17.16, 17.93, 18.75, 19.58, 21.53, 23.47, 24.16, 24.53, 25.51, 25.44, 26.58, 30.25
Existing Level (m AOD)	104.73, 104.66, 104.61, 104.37, 103.94, 102.54, 102.42, 101.46, 101.28, 100.85, 100.73, 100.57, 100.19, 100.11, 99.73, 99.70, 100.07, 100.03, 99.47, 99.38, 99.63, 99.60

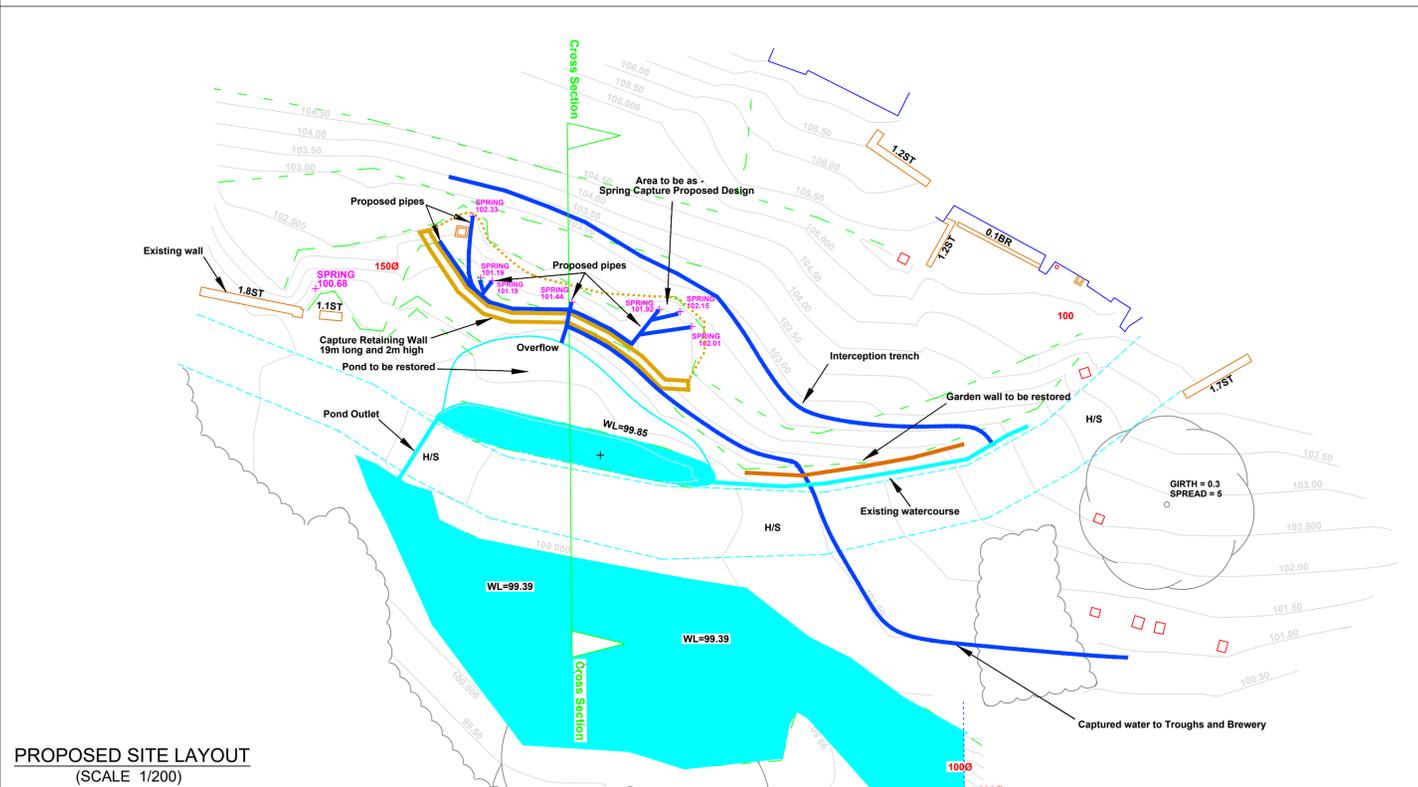
SECTION & DESIGN DETAILS  
(NTS)

KEY	SYMBOL	DESCRIPTION
38.32	SPOT LEVEL	TS TRAFFIC SIGNAL
TAR	TARMAC	TSC TRAFFIC SIGNAL CONTROLLER
FB	FLOWER BED	IC INSPECTION COVER
HS	HARDSTANDING	MH MANHOLE
BOL	BOLLARD	MP MARKER POST
TW	TOP OF WALL	TP TELEGRAPH POLE
RS	ROAD SIGN	LC LIGHTING COLUMN
TWL	TOP WATER LEVEL	G GULLY
IL	INVERT LEVEL	WM WATER METER
FH	FIRE HYDRANT	SV SLUICE VALVE
BT	BRITISH TELECOM	ST STOP TAP
CATV	CABLE TV	GV GAS VALVE
TACT	TACTILE PAVING	FFL FINISHED FLOOR LEVEL
		C CONC CONCRETE
		RWP RAINWATER PIPE
		SVP SOIL VENT PIPE
		FW FOUL WATER
		SW STORMSURFACE WATER
		W WATERSTOP TAP
		STAY STAYWIRE
		SNP STREET NAMEPLATE
	1.0 BR	WALL (WITH DESCRIPTION & HEIGHT)
	2.0 PR	FENCE (WITH DESCRIPTION & HEIGHT)
		HEDGEROW/TREE CANOPY
		BUILDING LINE
		CHANNEL/KERB LINE
		TOP/BOTTOM OF BANK
		SOFT EDGE OR VERGE EDGE
		HARD EDGE
		OVERHEAD LINE
		GATE

NOTES:  
 LEVELS AND CO-ORDINATE GRID ARE RELATED TO GPS SURVEY DATUM DERIVED FROM ORDNANCE SURVEY DATUM VIA OSTN15  
 ALTHOUGH O.S. CO-ORDINATES ARE SHOWN ON THIS PLAN THE GRID IS TO BE TREATED AS ARBITRARY.  
 NO SCALE FACTOR HAS BEEN APPLIED TO THE SURVEY THEREFORE THE CO-ORDINATES SHOWN ARE NOT TRUE O.S. CO-ORDINATES.



EXISTING SITE SURVEY  
(SCALE 1/200)



PROPOSED SITE LAYOUT  
(SCALE 1/200)

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 4. All dimensions and particulars should be checked on site. Any discrepancies should be reported to PM Consultants (UK) Ltd before any work commences.

Job: **PROPOSED SPRING WATER CAPTURE TYR YWEN FARM ABERGAVENNY**

Scale: As shown | Date: 29/04/22 | Drawn By: HS | Checked By: NM | Job Ref: HG/TYF/001

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BUILDER'S PROFILE