

- NOTES:
- ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
 - ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2010 APPROVED DOCUMENT H 2002 EDITION. ALL ADAPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF SEVERN TREAT WATER AND SEWERS FOR ADOPTION (7th EDITION), INCLUDING THE RELEVANT PROVISIONS OF THE COMBINED ADDENDUM.
 - ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
 - ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
 - ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
 - TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 600mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN ADAPTABLE HIGHWAYS AND 900mm IN OTHER TRAFFICKED AREAS IS TO BE CLASS S (I.E. 10-14mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES UP TO 525 Dia AND 20-40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525 Dia)
 - BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL. ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL, FREE FROM RUBBISH AND ORGANIC MATTER, FROZEN SOIL CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
 - A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT, COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6

- SVP AND RWP POINTS TO BE CONFIRMED PRIOR TO CONSTRUCTION
 - DRAWING FOR PLANNING ONLY
 - IF ANY INFORMATION ON SITE DIFFERS FROM THE DETAILS ON DRAWINGS JNM ENGINEERING LTD MUST BE INFORMED IMMEDIATELY
- KEY:
- 450mm (DIA MH) PRIVATE SURFACE WATER. PIPE TO BE 150mm IN DIAMETER.
 - RODDING EYE
 - 1200mm (DIA MH) PRIVATE FOUL SEWER. PIPE TO BE 100mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 450mm IN DIAMETER UP TO 1m DEPTH
 - FWS

Batter slope, longitudinal section and driveway added. Drainage revised	JUM	16.11.20	B
Revised to suit comments from client	RJS/JUM	27.05.20	A
Revision	Details	By	Date
	Check		Suffix
Drawing Number	Revision		
J02002/A1/001			

HILLSIDE COTTAGE
LINLEY BROOK
BRIDGENORTH

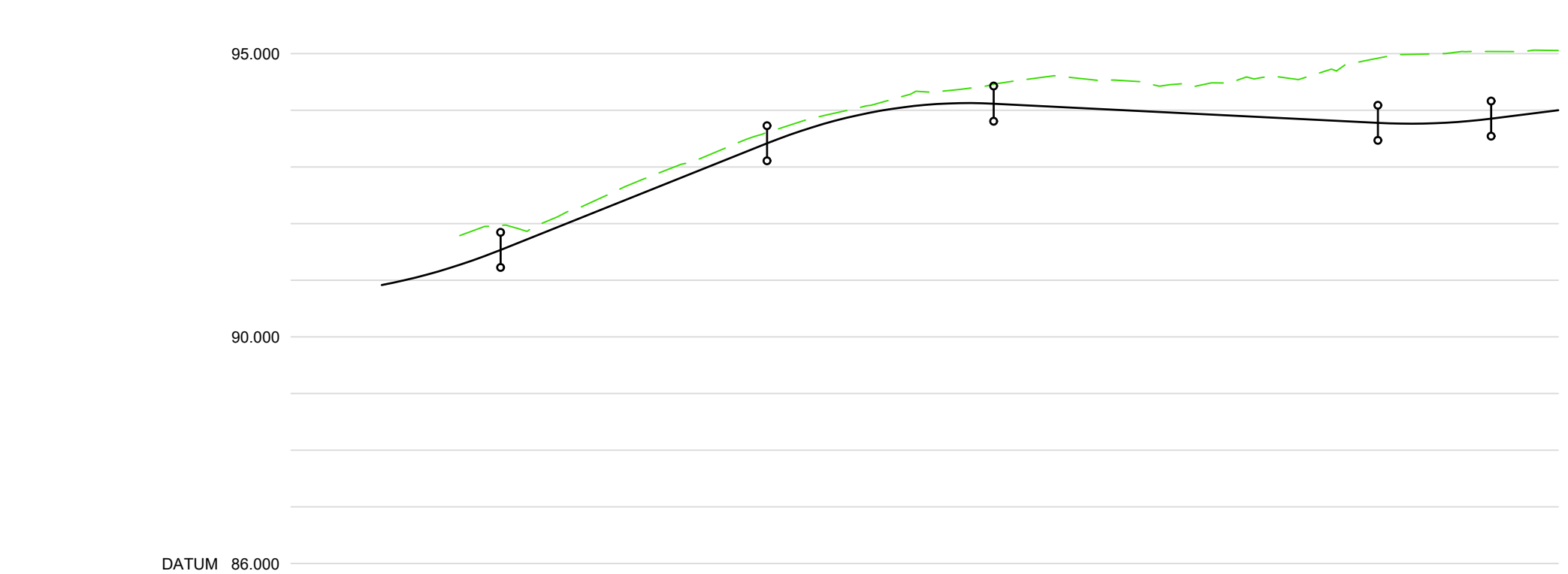
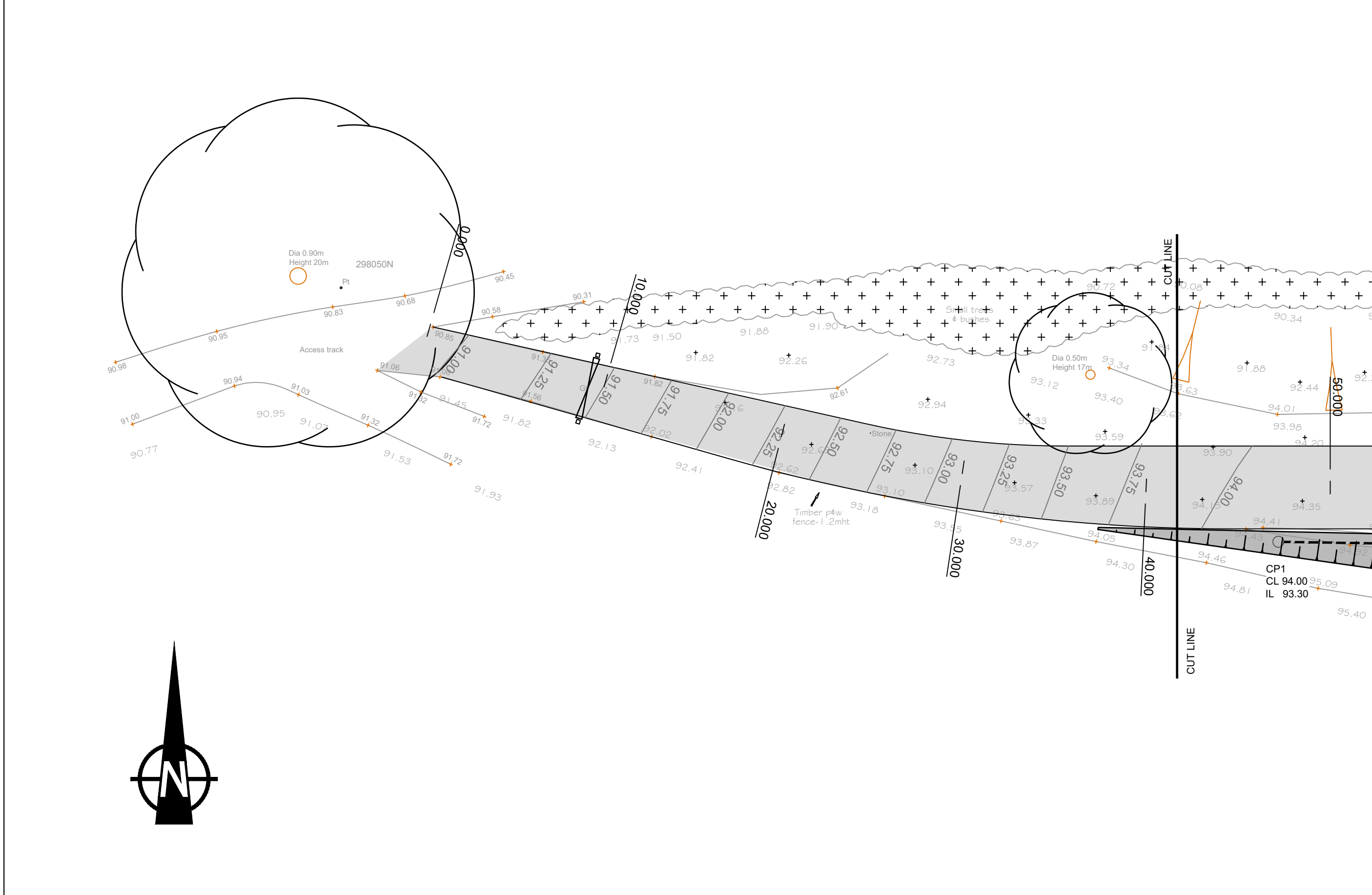
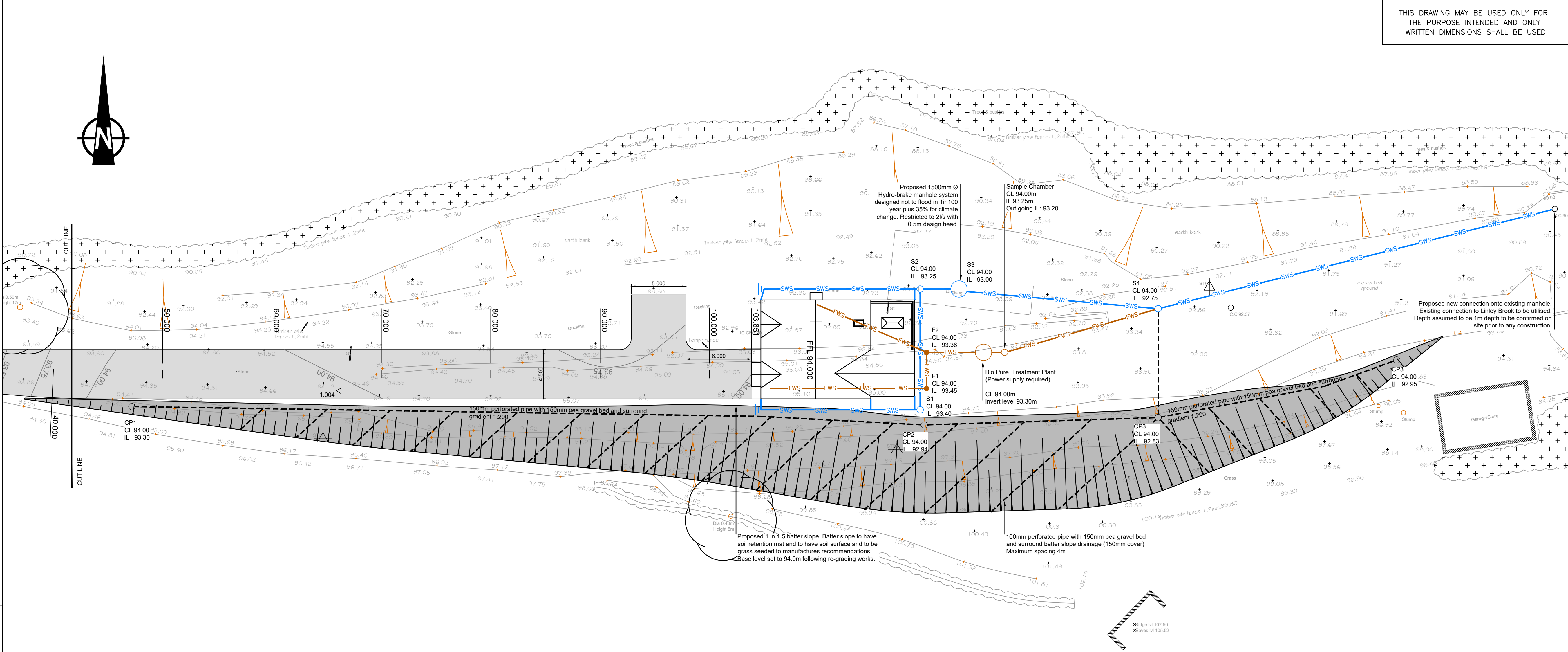
Drawing Title

PROPOSED ENGINEERING
LAYOUT

Scale at A1	Detailed	Approved
1:200		James Mewis
Drawn	Tech Chk	Date
RAW	JUM	20.11.19

www.jnmengineering.co.uk

14-16 High Street, Ironbridge, TF7 7AD
Tel: 01952 460653
info@jnmengineering.co.uk
Company Registration Number: 05782540



ROAD 1		HP												LP											
CHAINAGE		0.000	5.000	10.500	17.542	20.000	30.000	34.016	35.000	40.000	44.701	45.000	50.000	51.794	54.016	60.000	70.000	80.000	87.936	90.000	90.793	95.000	97.936	100.000	103.851
EXISTING GROUND LEVEL			91.960		92.515		93.307			93.952			94.347			94.596	94.459		94.567		94.584		95.035	95.056	
ALIGNMENT LEVEL		90.916	91.156	91.496	91.535	92.295	93.095	93.416	93.493	93.814	94.024	94.120	94.127	94.116	94.056	93.956	93.856	93.777	93.764	93.763	93.794	93.852	93.904	94.000	
VERTICAL ALIGNMENT		KF= 2.50 L= 10.500		G= 8.000% 1: 12.5			L= 20.000 KF= -2.22222			G= -1.000% 1: -100.0			KF= 2.85714 L= 10.000			G= 2.500% 1: 40.0									
HORIZONTAL ALIGNMENT		R= 97.931																							

Longitudinal Access Road Section
Scale Hoz 1:500 Vert 1:100