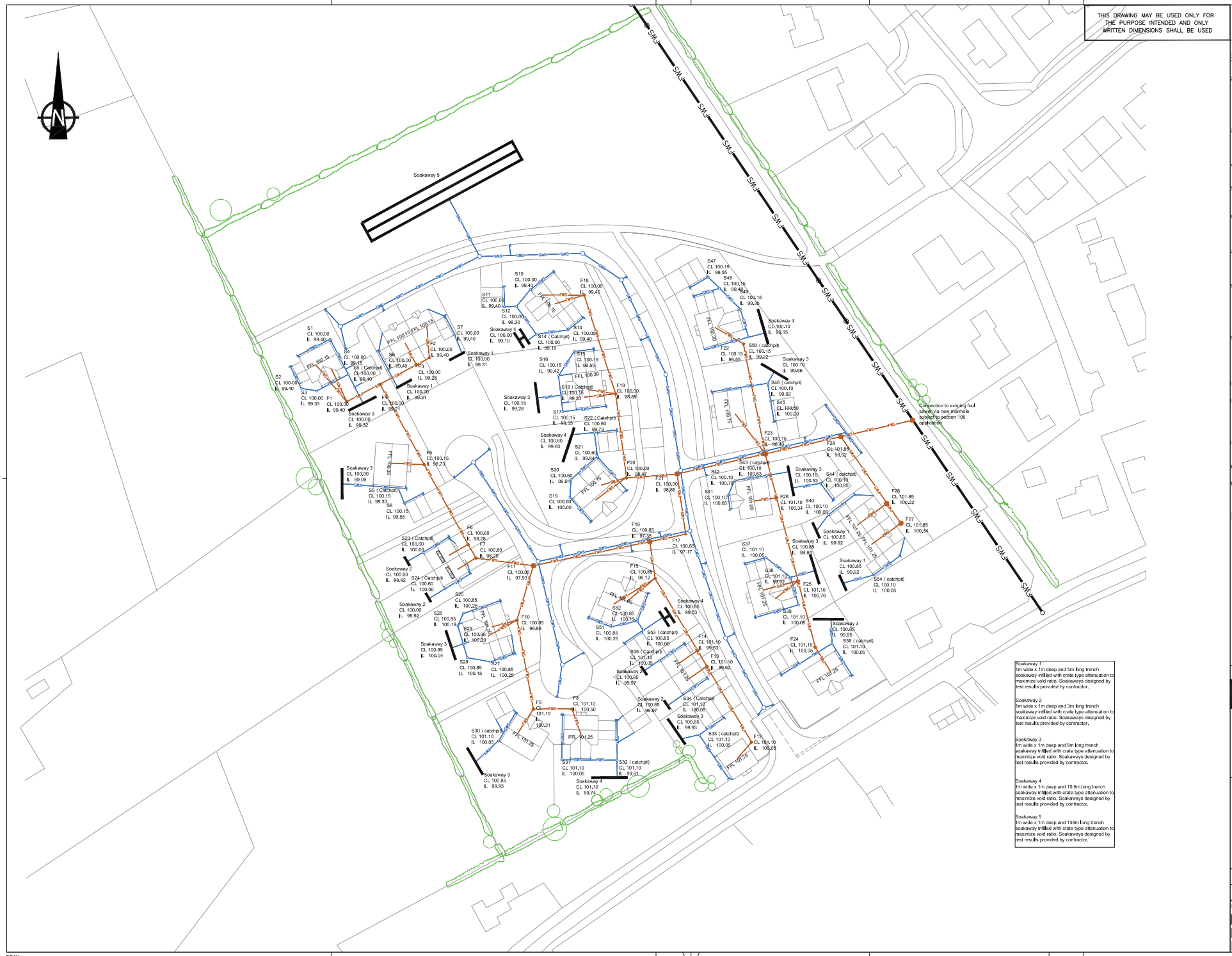

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

JNM
CIVIL ENGINEERING DESIGN CONSULTANTS

NOTES:

1. ALL DIMENSIONS IN METERS UNLESS STATED OTHERWISE.
2. ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2000 APPROVED DOCUMENT H 2002 EDITION. ALL ADOPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF SEVERN TRENT WATER AND SEWERS FOR ADOPTION (6th EDITION), INCLUDING THE RELEVANT PROVISIONS OF THE COMBINED ADDENDUM.
3. 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.
4. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
5. LOCATION AND LEVELS OF EXISTING DRAINAGE RUNS ARE BASED UPON SEWER RECORD PLANS AND MUST BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
6. 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.
7. ALL ADOPTABLE DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN295 OR CONCRETE TO BS5911 PART 100. FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WIS No 4-13-05 MAY BE USED FOR PRIVATE BUILDING DRAINAGE SYSTEMS ONLY.
8. TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 600mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN ADOPTABLE 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)
9. 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.
10. CONCRETE MIXES INDICATED ON THIS DRAWING ARE DESIGNATED MIXES CONFORMING TO BS 8500-1, 2002.
11. 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.
12.

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

13. ALL LEVELS, MEASUREMENTS AND CALCULATIONS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.
14. FOUL LOCATIONS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION.

KEY:

SWS 600mm (DIA MH) — PRIVATE SURFACE WATER SEWER. REFER TO STORM NETWORK TABLE 1 FOR DETAILS. MANHOLES TO BE POLYTHENE RODDING EYE 600mm IN DIAMETER

FWS 600mm (DIA MH) — PRIVATE FOUL SEWER. PIPE TO BE 100mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 600mm IN DIAMETER

Soakaway 1
1m wide x 1m deep and 5m long trench soakaway infilled with crate type attenuation to maximize void ratio. Soakaways designed by test results provided by contractor.

Soakaway 2
1m wide x 1m deep and 3m long trench soakaway infilled with crate type attenuation to maximize void ratio. Soakaways designed by test results provided by contractor.

Soakaway 3
1m wide x 1m deep and 9m long trench soakaway infilled with crate type attenuation to maximize void ratio. Soakaways designed by test results provided by contractor.

Soakaway 4
1m wide x 1m deep and 10.5m long trench soakaway infilled with crate type attenuation to maximize void ratio. Soakaways designed by test results provided by contractor.

Soakaway 5
1m wide x 1m deep and 149m long trench soakaway infilled with crate type attenuation to maximize void ratio. Soakaways designed by test results provided by contractor.

Revision Details	By / Check	Date	Suffix

Drawing Number: J01650/A1/001 — Revision A

LAND AT PLANTATION ROAD, TIBBERTON NEWPORT, TF10 8NS

Drawing Title: DRAINAGE LAYOUT

PRELIMINARY

Scale at A1	Detailed		Approved
1:500			James Mewis
Drawn: MTC	Tech Chk: JJM	Det Chk	Date: 05..01.17

www.jnmengineering.co.uk
8a The Parade,Shifnal,TF11 8DL.
Tel: 01952 460653
info@jnmengineering.co.uk
Company Registration Number: 05782540

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