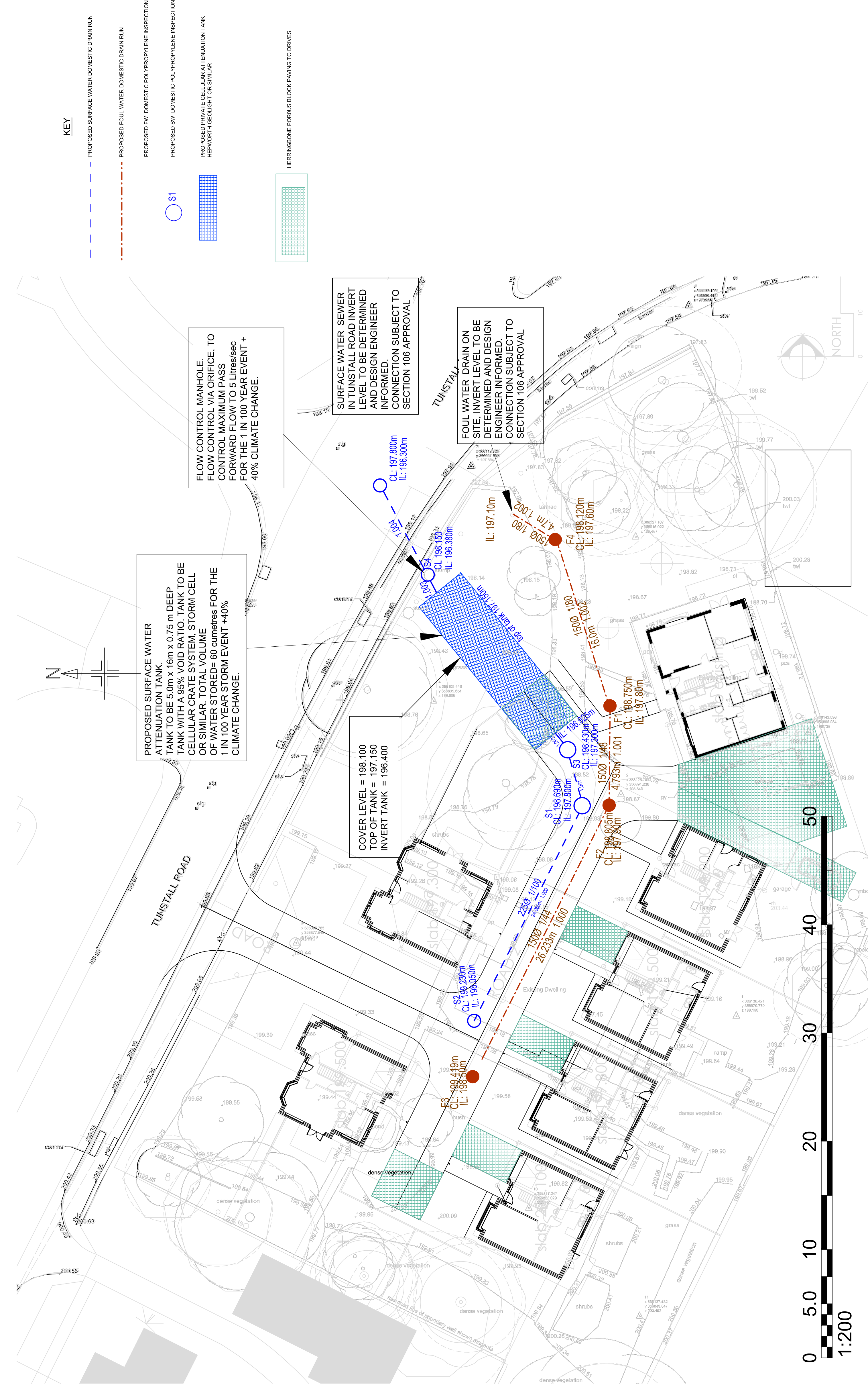




- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.

2. ALL DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 732 BUILDING DRAINAGE AND BUILDING REGULATIONS 2000 APPROVED DOCUMENT H 2002 EDITION.

3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF SUPPLY SHALL BE STATED ON THE DRAWING. THE REPRESENTATIVE ENGINEER IN ADVANCE OF THE WORKS.

4. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION.

5. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE NOTED BY THE CLIENT'S REPRESENTATIVE ENGINEER PRIOR TO CONSTRUCTION.

6. 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.

7. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE POSSIBLE. THE REPRESENTATIVE ENGINEER'S PROPOSED WORKS.

8. ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED. JOINTS TO BE 150mm MINIMUM THICK CONCRETE BED & SURROUND OR FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WIS No 4-13-05.

9. 150mm DIA STORAGE PIPES TO BE POLYPIPE RIDGESTORM TYPE 100 AND 150mm DIA FORCE MAINS TO BE POLYPIPE TYPE 100. ALL PIPES TO BE 150mm MINIMUM THICK CONCRETE BED & SURROUND. SOFFITS TO BE GREATER THAN 900mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN TRAFFICKED AREAS IS TO BE CLASS S (IE 10-14mm GRADED IMPORTED GRANULAR BED AND 150mm MINIMUM THICK CONCRETE BED & SURROUND). IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525mm.

10. WHERE DEPTH TO SOFFIT OF DRAINAGE PIPEWORK IS LESS THAN 900mm IN LANDSCAPED AREAS AND LESS THAN 1200mm IN TRAFFICKED AREAS, THE PIPEWORK SHALL BE PROTECTED WITH 150mm MINIMUM THICK CONCRETE BED & SURROUND.

11. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL ELSEWHERE BACKFILL TO BE FREE DRAINING READY COMPATIBLE MATERIAL. FREE DRAINING READY COMPATIBLE MATERIAL SHALL BE COMPACTED IN LUMPS AND LARGE STONES TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.

12. MANHOLE DIAMETERS SHOULD BE IN ACCORDANCE WITH THE TABLE BELOW.

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200*
375-450	1500
500-700	1500
750-900	1800
950-1200	2100

A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO THE MANHOLE. THE JOINT SHALL BE COMPATIBLE WITH THE 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
675-750	1.0
825 AND OVER	1.25

14. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.

15. ALL ADAPTABLE DRAINAGE HAS BEEN DESIGNED NOT TO ATTENUATE FLOWS IN EXCESS OF THE 1 IN 30 YEAR RETURN PERIOD FOR THE PROPOSED DRAINAGE.

16. ALL ADAPTABLE DRAINAGE HAS BEEN DESIGNED TO "SEWERS FOR ADOPTION 8th EDITION"
- B SURFACE WATER DRAINAGE AMENDED GB JULY 20

A SURFACE WATER DRAINAGE AMENDED GB JULY 20
- | Rev | Description | chk | App'd | Date |
|-----|-------------|-----|-------|------|
|-----|-------------|-----|-------|------|
- Issue PRELIMINARY
- Client/Architect J LITTLETON LTD
- Contract RESIDENTIAL DEVELOPMENT
- TUNSTALL ROAD KNYNERSLEY
- Title DRAINAGE PLAN
- Scale 1/200
- Original size A1
- Drawn HB
- Checked Approved
- Date MAR 2020
- Drawing No. K834-102
- Revision. B
-
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