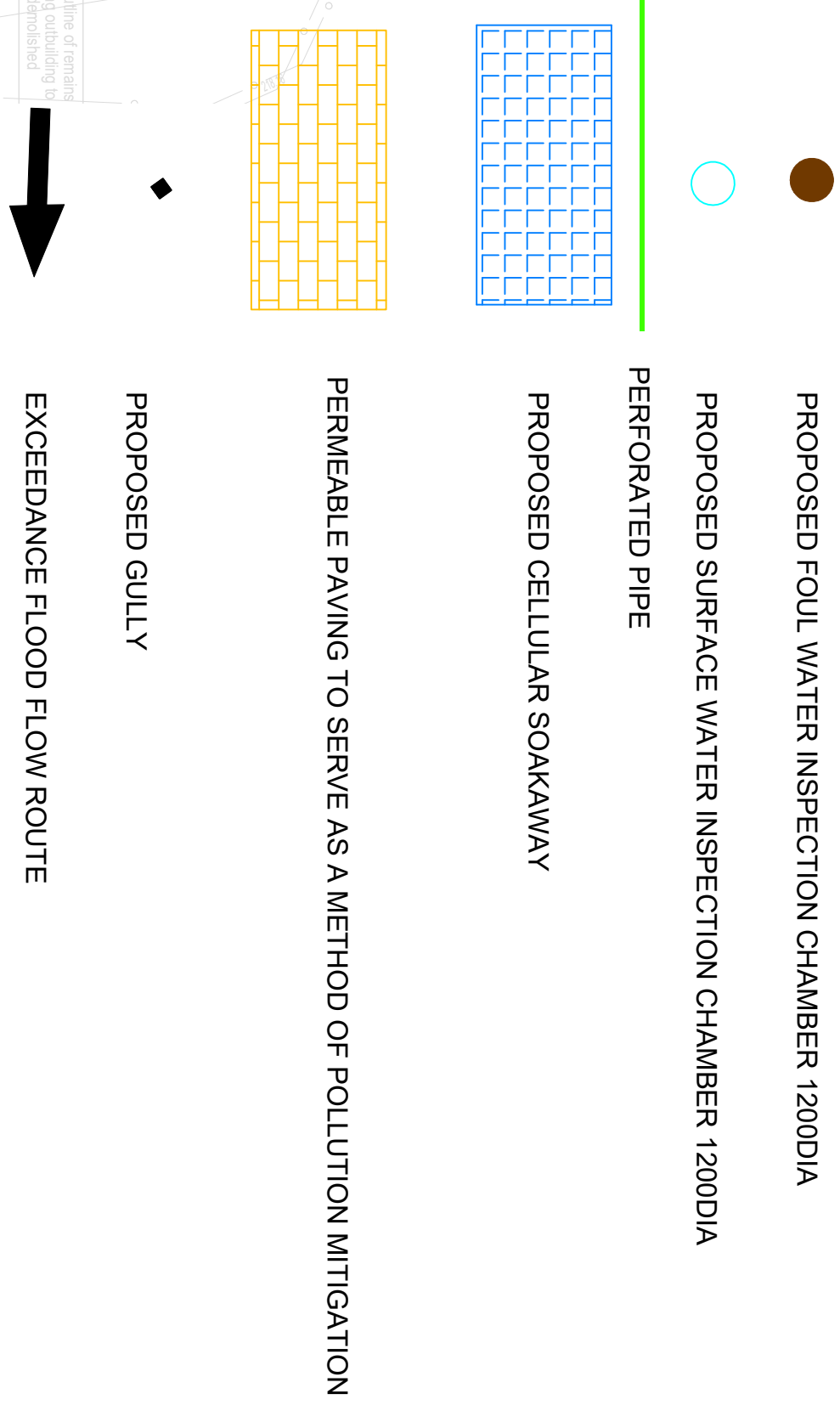
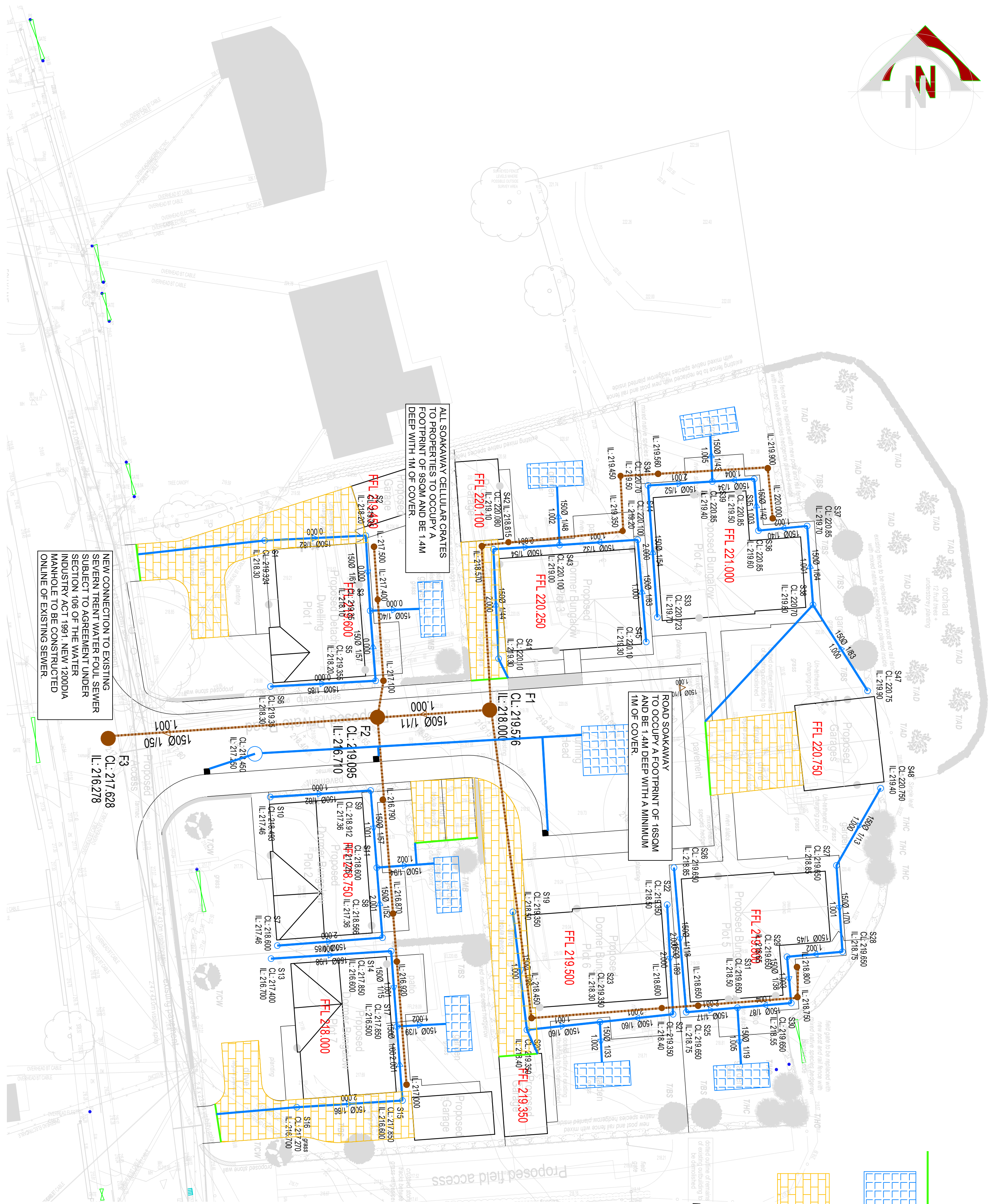
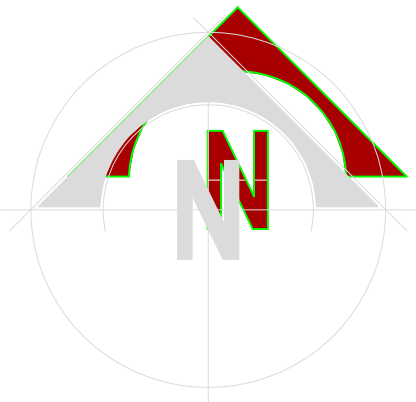




- KEY**
- PROPOSED SURFACE WATER DOMESTIC DRAIN RUN
  - PROPOSED FOUL WATER DOMESTIC DRAIN RUN
  - PROPOSED FOUL WATER INSPECTION CHAMBER 1200DIA
  - PROPOSED SURFACE WATER INSPECTION CHAMBER 1200DIA
  - PERFORATED PIPE
  - PROPOSED CELLULAR SOAKAWAY
  - PERMEABLE PAVING TO SERVE AS A METHOD OF POLLUTION MITIGATION
  - PROPOSED GULLY
  - EXCEEDANCE FLOOD FLOW ROUTE

**NOTES:**

- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- ALL DRAINAGE WORKS ARE TO COMPLY WITH THE BUILDING REGULATION 2010 INCORPORATING 2015 AMENDMENTS.
- 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.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DETAILS AND CONTRACT DOCUMENTATION.
- ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
- DOCK IN MANHOLES OF EXISTING DRAINAGE RUNS ARE TO BE REINFORCED WITH 150mm DIA. AND MUST BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS.
- 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 DRAINAGE.
- ALL DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN286 OR CONCRETE TO BS5911 PART 100 OR FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WIS 98.
- WHERE DEPTH TO SOFT OF DRAINAGE PIPEWORK IS LESS THAN 150mm IN UNSCARPED AREAS AND LESS THAN 1200mm IN GRADED AREAS, THE DRAINAGE PIPEWORK IS TO BE CLASS S1 LE 10. 10mm GRADED IMPORTED GRANULAR BED AND 150mm MINIMUM THICK CONCRETE BED & SURROUND GREATER THAN 5250).
- WHERE DEPTH TO SOFT OF DRAINAGE PIPEWORK IS LESS THAN 150mm IN UNSCARPED AREAS AND LESS THAN 1200mm IN GRADED AREAS, THE DRAINAGE PIPEWORK IS TO BE CLASS S1 LE 10. 10mm GRADED IMPORTED GRANULAR BED AND 150mm MINIMUM THICK CONCRETE BED & SURROUND GREATER THAN 5250).
- BACKFILL TO DRAINAGE TRENCHES UNDER CARPAGES/WAYS TO BE TYPE 1 SUB-BASE MATERIAL, ELSEWHERE BACKFILL TO BE FREE DRAINING READY TO COMPACTIBLE MATERIAL, FREE LUMPS AND LARGE STONES TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
- A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT, COMPATIBLE WITH THE SANITATION (COMPLETION AND NEXT PIPE/ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.
- NOMINAL DIAMETER (mm) EFFECTIVE LENGTH (m)
- 150-400 0.6
- 450-750 1.0
- 825 AND OVER 1.25
13. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
14. ALL FOUL DRAINS ARE 150mm DIA UNLESS NOTED OTHERWISE.
15. ALL STORM DRAINS ARE 150mm DIA UNLESS NOTED OTHERWISE.

| Issue                      | Rev | Description | Chk'd | App'd | Date |
|----------------------------|-----|-------------|-------|-------|------|
| PRELIMINARY                |     |             |       |       |      |
| Client/Architect           |     |             |       |       |      |
| UPPERDALES DEVELOPMENT LTD |     |             |       |       |      |
| Contract                   |     |             |       |       |      |
| LILAC GROVE CHEDLETON      |     |             |       |       |      |
| Title                      |     |             |       |       |      |
| DRAINAGE PLAN              |     |             |       |       |      |



KEYTECH  
DEVELOPMENT  
DESIGN LTD

REVISIONS

| Rev | Date     | By | Check | App |
|-----|----------|----|-------|-----|
| 1   | 11.10.24 | HB | HB    | HB  |
| 2   | 11.10.24 | HB | HB    | HB  |
| 3   | 24.09.24 | HB | HB    | HB  |
| 4   | 15.08.24 | HB | HB    | HB  |

Date

July 24

Scale

1:200

Original size

A1

Drawn

HB

Checked

HB

Approved

HB

Drawing No.

K24-032-001

Revision

D