

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK. THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF:

**CONSTRUCTION**

- OPERATIVES TO TAKE PRECAUTIONS WHEN WORKING ADJACENT TO OR WITHIN DEEP EXCAVATIONS. METHOD STATEMENT TO BE PRODUCED BY CONTRACTOR PRIOR TO WORKS COMMENCING.
- ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.

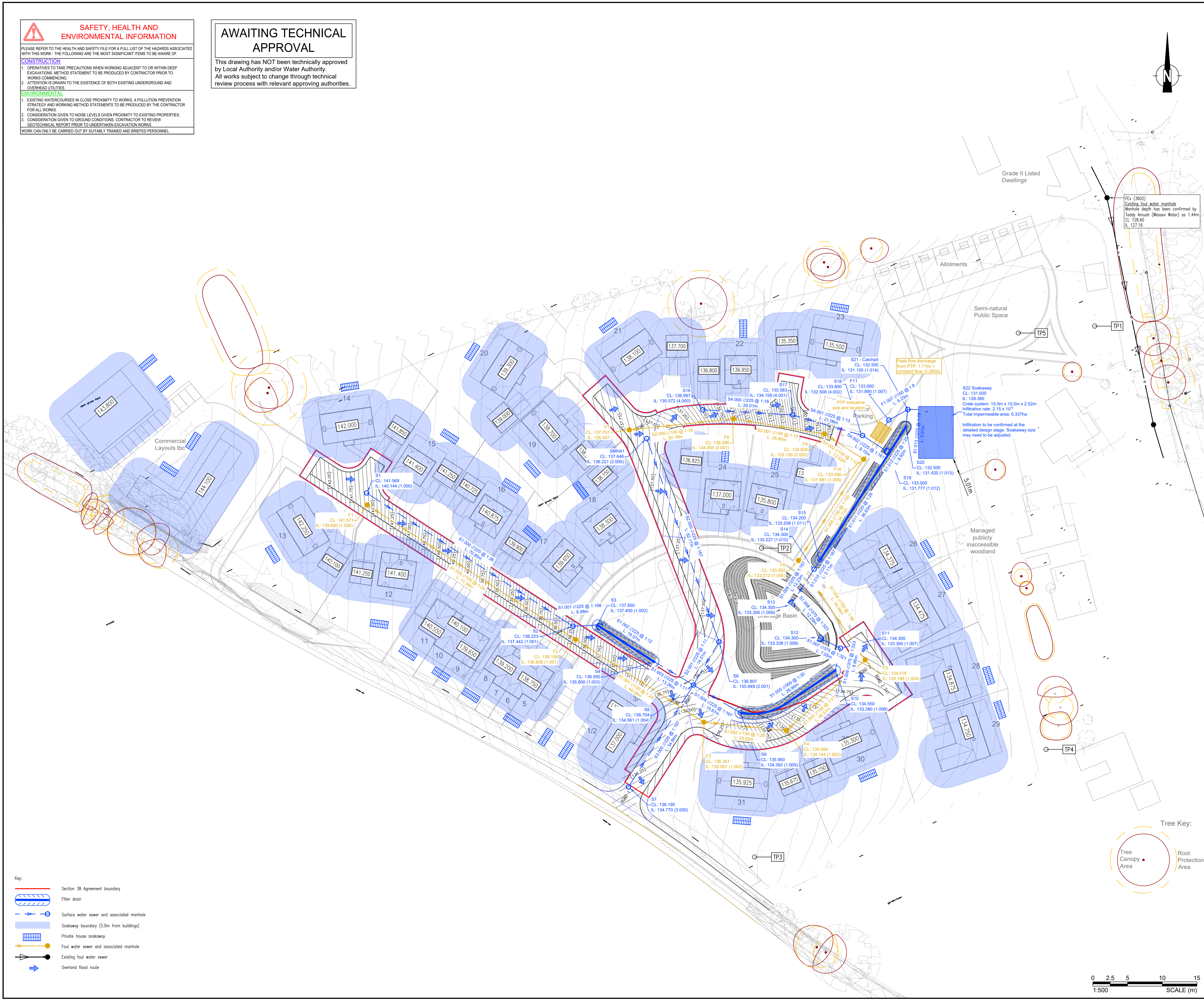
**ENVIRONMENTAL**

- EXISTING WATERCOURSES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
- CONSIDERATION GIVEN TO NOISE LEVELS GIVEN PROXIMITY TO EXISTING PROPERTIES.
- CONSIDERATION GIVEN TO GROUND CONDITIONS. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PRIOR TO UNDERTAKEN EXCAVATION WORKS.

WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

**AWAITING TECHNICAL APPROVAL**

This drawing has NOT been technically approved by Local Authority and/or Water Authority. All works subject to change through technical review process with relevant approving authorities.



- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL DRAWINGS WITHIN APPENDIX 0/4, THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (SHW) AND THE CONTRACT SPECIFICATION.
  - HIGHWAY WORKS WHERE INDICATED BEYOND THE PROPOSED ADOPTION BOUNDARY ARE TO BE CONSTRUCTED AS PART OF THIS CONTRACT BUT TO REMAIN PRIVATE.
  - FOR APPLICABLE SECTOR SCHEMES FOR WORKMANSHIP AND MATERIALS WITH ASSOCIATED APPENDICES; REFER TO APP 1/24 QUALITY MANAGEMENT SYSTEM PART E.
  - IN ACCORDANCE WITH THE CDM REGULATIONS RESIDUAL RISKS OF SIGNIFICANCE ARE INDICATED ON THE DRAWING ONLY BY MEANS OF A HAZARD TRIANGLE WITH APPROPRIATE NOTE.
  - THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD TO THE ECOLOGICAL AND ENVIRONMENTAL REQUIREMENTS OF THE SCHEME.
  - THE CONTRACTOR SHALL TAKE SUCH STEPS TO SAFEGUARD AGAINST CONTAMINATION OF LOCAL WATERCOURSES.
  - TEMPORARY WORKS DESIGN ASSOCIATED WITH THE CONSTRUCTION OF THE WORKS SHALL BE RESPONSIBILITY OF THE CONTRACTOR.
  - VECTOS CANNOT ACCEPT ANY LIABILITY FOR UTILITY RECORDS. PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO VERIFY THE STATUS, LOCATION AND ALIGNMENT OF APPARATUS.
  - PRIOR TO THE CONSTRUCTION OF THE DRAINAGE WORKS, THE CONTRACTOR SHALL SET OUT THE PROPOSED LOCATION OF THE DRAINAGE SYSTEM AND ANY LIGHTING, SIGNAGE AND SERVICES. IN THE EVENT OF CONFLICTS THE CONTRACTOR SHALL IMMEDIATELY INFORM THE SUPERVISOR AND AWAIT INSTRUCTIONS ON HOW TO PROCEED.
  - THE CONTRACTOR SHALL CONFIRM THAT ALL DEFECTS AND BLOCKAGES, AS IDENTIFIED ON NATIONAL HIGHWAYS DRAWING(S) HAVE BEEN RECTIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - THE LINE, LEVEL AND CONDITION OF ALL EXISTING DRAINAGE AT CONNECTION POINTS IS TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
  - THE LOCATION AND DEPTH OF ALL EXISTING SERVICES IN RELATION TO THE DRAINAGE IS TO BE IDENTIFIED PRIOR TO CONSTRUCTION. ANY CONFLICTS ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
  - POST CONSTRUCTION THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS FOR THE WORKS INCLUDING A FULLY INTEGRATED, CLEARLY REFERENCED CCTV SURVEY RECORD FOR EACH DRAIN RUN. THE RECORDS ARE TO BE SUBMITTED IN HARD COPY AND ELECTRONIC FORMAT ON CD IN TRIPPLICATE.
  - COMBINED KERBDRAIN (CKD) INVERT LEVEL SHOWN ON CKD DRAWING AND SCHEDULE IS INVERT LEVEL OF OUTLET SUMP UNIT. CKD INVERT LEVEL ON CHAMBER SCHEDULE IS INLET CONNECTION PIPE LEVEL FROM CKD UNIT.
  - TOPOGRAPHICAL SURVEY BY GARTELL & SON LTD, REF. N/A, DATED 23.05.2019.
  - TOPOGRAPHICAL SURVEY DATA SUPPLIED BY CLIENT. ALL DIMENSIONS, LEVELS AND SURVEY GRID COORDINATES ARE TO BE CHECKED BY THE CONTRACTOR AND ANY DISCREPANCIES ON THIS DRAWING OR ON SITE MUST BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
  - ALL LEVELS ARE GIVEN IN RELATED TO ABOVE ORDNANCE DATUM (AOD) UNLESS STATED OTHERWISE.
  - FINISHED FLOOR LEVELS ARE SUBJECT TO REVIEW AND SHOULD BE CONSIDERED +/- 450MM.

P04 Foul water treatment added	PB	JAK	JAK	19.07.2023
P03 Flood routes added	PB	JAK	JAK	18.07.2023
P02 Levels updated to suit latest survey	PB	JAK	JAK	04.07.2023
P01 Initial issue	PB	JAK	JAK	22.05.2023

Rev: Drawing Status: FOR STAGE APPROVAL, Suitability: S4

**vector.** PART OF **SLR**

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**LRQA** CERTIFIED  
ISO 9001

Client: HARVEST LANE, CHARLTON HORETHORNE

Project Title: DRAINAGE STRATEGY

Scale: 1:500	Designed: PB	Drawn: PB	Checked: JAK	Authorised: JAK
Original Size: A1	Date: 22.05.2023	Date: 22.05.2023	Date: 22.05.2023	Date: 22.05.2023

Drawing Number: VD23849	Project Ref. No.: VD23849
PI/Proj. Ref. No.: -VEC -S104 -	Location: XXX -DR -CD - 3000
Revision: P04	

**Key:**

- Section 38 Agreement boundary
- Filter drain
- Surface water sewer and associated manhole
- Soakaway boundary (5.0m from buildings)
- Private house soakaway
- Foul water sewer and associated manhole
- Existing foul water sewer
- Overland flood route

