









ENGINEERING NOTES

- This drawing is to be read in conjunction with all relevant Architects, Engineers and Subcontractors drawings and details.
- This drawing is based on topographical survey by Cloud 10 Ltd:
 Drawing Number 1005 U (1 to 14)
 Dated November 2022

Denotes extent of tree Root Protection Area (RPA), taken from Hanckinson Duckett Associates (HDA) drawing 2080.9/01 dated June 2022.

- 3. All levels relate to levels given on survey drawing.
- 4. For lighting, service supplies & ducting requirements, refer to M&E
- 5. All works to be carried out in accordance with sewer sector guidance Appendix C, "Design and Construction Guidance for foul and surface water sewers", BS EN 752 "Drain and sewer systems outside buildings" and the current edition of The Building Regulations "Approved document H".
- New drainage connections are to be made with appropriate lengths of rocker pipes & couplings.
- All manhole chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines as appropriate.
- 8. Concrete manholes shall comply with BS EN 1917 and BS 5911-3.
- 9. Plastic chambers shall comply with BS 7158.

 10. All adoptable surface water pipework up to 225mm in diameter to be little and control of the control of
- be Kitemark certified Vitrified Clay (VC) with flexible spigot and socket joints and shall comply with the requirements of BS EN 295.

 11. On completion of development all drainage shall be jet cleaned and CCTV surveyed.
- Redundant drainage & services marked to be removed are to be dug out with chambers demolished & void filled with Type 1 material to clause 803 & 806.
- Material to clause 803 & 806.

 All road gully connections to be minimum 150mm diameter solid
- All road gully connections to be minimum 150mm diameter solid PVC-U pipework to BS EN 1401-1/BS4660 and laid at a minimum gradient of 1 in 150.





