

1. ALL ADAPTABLE ELEMENTS OF THE WORKS TO BE CONSTRUCTED AS DETAILED IN THE SECTOR GUIDANCE IN RELATION TO THE ADOPTION OF SEWERAGE ASSETS BY SEWERAGE COMPANIES IN ENGLAND AS ENABLED BY WATER UK'S CODE FOR ADOPTION. SECTIONS OF DRAINAGE TO BE ADOPTED UNDER THE TERMS OF A SECTION 104 AGREEMENT. ALL ADAPTABLE PIPEWORK TO BE CONSTRUCTED FROM VITRIFIED CLAY TO BS EN 295 (UP TO 225mm PIPE) OR CONCRETE TO BS EN 1916 AND BS EN 5911 (300mm PIPE AND ABOVE).
2. ALL CONCRETE PIPEWORK, MANHOLES AND FITTINGS SHALL BE TO BS EN 1916 & BS 5911 (ALL RELEVANT PARTS). ALL CONCRETE PIPEWORK TO BE TO HIGH STRENGTH.
3. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS, PIPE SIZES & ORIENTATION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY. WORK TO COMMENCE AT CONSTRUCTION END WHEREVER POSSIBLE.
4. WHERE PIPELINES CROSS, EACH IS TO BE SURROUNDED WITH GRADE ST4 MASS CONCRETE FOR A DISTANCE NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. LENGTH OF SURROUND TO BE EXTENDED AS NECESSARY TO WITHIN 250mm OF THE NEXT NEAREST FLEXIBLE JOINTS.
5. DUCTILE IRON COVERS SHALL BE: (UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULE)
- ON ACCESS ROADS AND CAR PARKS: GRADE D400 (BS EN 124:1994)
- ON SHARED PATHWAYS, VERGES: GRADE A25 (BS EN 124:1994)
6. SEWER SETTING FOR FUTURE MAINTENANCE SHALL ACCORD WITH BS EN 1830-1:2014 AND THE SEWER SETTING CODE OF PRACTICE (PUBLISHED BY WGL). MANUFACTURERS OF THE DRAINAGE SYSTEM COMPONENTS SHOULD ALSO BE CONSULTED BUT UNDER NO CIRCUMSTANCES SHOULD THE FOLLOWING PRESSURES BE EXCEEDED:
- PLASTIC PIPES - 2000 psi
CLAY PIPES - 5000 psi
CONCRETE PIPES - 5000 psi
7. STORAGE DESIGN BASED ON 1 IN 100 YR STORM + 40%.
8. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
9. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.
10. THE PROPOSED CONNECTIONS INTO THE ADOPTED SEWER NETWORK AND THE DISCHARGE RATES WILL ALL BE SUBJECT TO APPROVAL AND INSPECTION BY SOUTHERN WATER UNDER THE TERMS OF A SECTION 104 AGREEMENT.
11. THE PROPOSED DRAINAGE LAYOUT IS SUBJECT TO DRAINAGE SURVEY OUTCOME CONFIRMING PIPE SIZES AND INVERT LEVELS OF EXISTING MANHOLES FORMING FINAL OUTFALLS OF THE SITE'S PROPOSED DRAINAGE NETWORK. ANY VARIATIONS TO BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING ANY WORKS ON SITE. WORK TO COMMENCE AT CONSTRUCTION END WHEREVER POSSIBLE.

