

- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH AND ALL OTHER DRAWINGS AND SPECIFICATIONS AS ISSUED BY THE ENGINEER AND DESIGN TEAM.
- . ALL DRAINAGE TO BE INSTALLED TO THE SATISFACTION OF THE ADOPTING AUTHORITY
- A. ALL MATERIALS AND WORKMANSHIP FOR PUBLIC DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH SEWERS FOR SCOTLAND 3rd EDITION (UNO). ALL MATERIALS AND WORKMANSHIP FOR PRIVATE DRAINAGE TO BE IN ACCORDANCE
- BEDDING INSTALLATION TO BE AS PER AECOM PIPE BEDDING DRAWING. ROOT PROTECTION MEASURES TO BE INSTALLED ALSO. GENERAL BEDDING AND BACKFILL

| n | Cover to Soffit | Bedding | | | |
|-----------------------------|--------------------|---|--|--|--|
| | >1.5m | Class 'S' Granular Bed and Surround. | | | |
| | <1.5m | Concrete Protection. | | | |
| doptable below Irking | >0.9m | Class 'S' Granular Bed and Surround. | | | |
| | <0.9m | Concrete Protection. | | | |
| and Soft aping | >0.6m | Class 'S' Granular Bed and Surround. | | | |
| | <0.6m | Concrete Protection. | | | |
| lab | | Class 'S' Granular Bed and Surround | | | |
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6. WHERE PIPES OF UNEQUAL DIAMETER CONNECT INTO A MANHOLE, PIPE SOFFITS TO BE

- TESTING OF SEWERS TO BE IN ACCORDANCE WITH BS EN 1610 AND AECOM DRAINAGE
- CONTRACTOR TO COMPLY WITH THE CONTROLLED ACTIVITY (SCOTLAND) REGULATIONS 2013. CONTRACTORS METHOD OF WORKS TO COMPLY WITH THE GENERAL BINDING RULES (GBR'S) OR APPROVED LICENCE IF REQUIRED AS PART OF WORKS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING TEMPORARY SUDS OR EQUIVALENT AS REQUIRED UNDER 'GBR 10 – DISCHARGE OF SURFACE WATER RUN OFF FROM A SURFACE WATER DRAINAGE SYSTEM TO THE WATER ENVIRONMENT FROM CONSTRUCTION SITES, BUILDINGS, ROADS, YARDS AND
- 10. THE CONTRACTOR WILL NOT BE PERMITTED TO UTILISE DEVELOPMENT SUDS FOR TEMPORARY TREATMENT PURPOSES UNLESS OTHERWISE AGREED WITH
- I. GROUNDWATER CONTROL MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO ENSURE EXCAVATIONS ARE FREE OF GROUNDWATER DURING INSTALLATION AND BACKFILLING OF NEW WORKS. THE CONTRACTOR SHOULD CONSIDER THEIR CONSTRUCTION ACTIVITIES AGAINST THE PROVISION OF THE CONTROLLED ACTIVITY (SCOTLAND) REGULATIONS 2013 AND IS RESPONSIBLE FOR OBTAINING ANY APPROPRIATE AUTHORISATION ASSOCIATED WITH THEIR METHOD OF WORKS.
- 12. THE CONTRACTOR MUST ENSURE NO FINES ARE DRAWN FROM THE ADJACENT SOIL DURING GROUNDWATER CONTROL OPERATIONS.
- 13. FURTHER INVESTIGATION WORKS ARE REQUIRED TO ESTABLISH ANY EXISTING
- 14. FOR LOCATION OF EXISTING AND PROPOSED SERVICES REFER TO THE
- 15. THE FOLLOWING CONCRETE MIXES ARE TO BE USED (ALL IN ACCORDANCE
 - CONCRETE SURROUND TO PIPES TO BE C20 CONCRETE BASE & HAUNCH TO MANHOLES TO BE C20.
- THE ABOVE CONCRETE MIXES IN CONTACT WITH THE GROUND ARE TO BE GRADE ??? AND ACEC CLASSIFICATION ???. DETERMINED IN ACCORDANCE WITH
- 16. ALL PRECAST CONCRETE PRODUCTS (i.e. PIPE, MANHOLES, RINGS etc) SHALL BE TO DESIGN SULPHATE CLASS ??? AND CHEMICAL DESIGN CLASS ??? IN ACCORDANCE WITH BRE SPECIAL DIGEST 1 & BS 5911.
- 7. ALL BELOW GROUND RAINWATER PIPE (RWP) TAILS TO MAIN LINE DRAINAGE TO BE A MINIMUM DIAMETER OF 150mm. TAILS TO BE LAID NO FLATTER THAN 1 IN 60 UNLESS OTHERWISE AGREED WITH THE ENGINEER.
- 18. ROCKER PIPES ARE REQUIRED WHERE PIPE PASSES UNDER PROPOSED FOUNDATIONS STRUCTURES. DRAINAGE TRENCHES PASSING UNDER FOUNDS TO BE BACKFILLED USING MASS CONCRETE UP TO BASE LEVEL.
- 19. ALL CHAMBER COVERS TO BE ORIENTED AND SET IN LINE WITH BUILDING GRIDLINE OR ADJACENT KERB LINES. ORIENTATION OF COVERS TO BE AGREED ON SITE PRIOR TO MANHOLE CONSTRUCTION TO ENSURE NO CONFLICT WITH KERBS, FENCE LINES AND SURFACE FEATURES. FINAL CONSTRUCTION TO BE AGREED WITH THE ARCHITECT/LANDSCAPE ARCHITECT.

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| | | _ PIPE DI | IAMETER | | | | | | |
| 2 | PIPE MA uPVC | | | PEWORK | | | | | |
| | uPVC – PLASTIC PIPEWORK P–uPVC – PERFORATED PLASTIC PIPEWORK VC – VITRIFIED CLAY | | | | | | | | |
| | CONC | | NCRETE | | | | | | |
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| 3 | SPECIFIC GRADIEN | ATION T OF SEV | WER/DRA | IN | | | | | |
| 4 | | MATERIAL M DETAIL | | | ain details. Refer | | | | |
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| <u>HOL</u> | | | | | BE INVESTIGATED. | | | | |
| 2. | SURFACE | WATER D | DISCHARG | e rates i | TO BE AGREED WIT | | | | |
| 3. | STORAGE | | S ARE FC | R INFORM | MATION PURPOSES | | | | |
| 4. | RAINWATE | | LOCATION | IS ARE FO | OR INFORMATION | | | | |
| | ONLY LO | CATIONS | TO BE CO | ONFIRMED | BY THE ARCHITECT | | | | |
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