















## MAINTENANCE REQUIREMENTS FOR FILTER DRAINS

REMOVE LITTER (INCLUDING LEAF LITTER) AND DEBRIS FROM FILTER DRAIN SURFACE, ACCESS CHAMBERS AND PRE-TREATMENT DEVICES ON A MONTHLY BASIS (OR AS REQUIRED). INSPECT FILTER DRAIN SURFACE, INLET/OUTLET PIPEWORK AND CONTROL SYSTEMS FOR BLOCKAGES, CLOGGING, STANDING WATER AND STRUCTURAL DAMAGE ON A MONTHLY BASIS. INSPECT PRE-TREATMENT SYSTEMS, INLETS AND PERFORATED PIPEWORK FOR SILT ACCUMULATION, AND ESTABLISH APPROPRIATE SILT REMOVAL FREQUENCIES ON A SIX MONTHLY BASIS.

MONTHLY BASIS.

REMOVE OR CONTROL TREE ROOTS WHERE THEY ARE ENCROACHING THE SIDES OF THE FILTER DRAIN, USING RECOMMENDED METHODS (e.g. NJUG, 2007 OR BS 3998:2010) AS REQUIRED AT LOCATIONS WITH HIGH POLLUTION LOADS, REMOVE SURFACE GEOTEXTILE AND REPLACE, AND WASH OR REPLACE OVERLYING FILTER MEDIUM FIVE YEARLY, OR AS REQUIRED CLEAR PERFORATED PIPEWORK OF BLOCKAGES AS REQUIRED.

GENERAL SURFACE WATER DRAINAGE NOTES:

- 1) 225mm THICK MIN ST4 MIX CONCRETE BASE WITH A393 MESH REINFORCEMENT T&B.

  2) PREFORMED HALF CIRCLE CHANNEL PIPES. THE PIPELINE MAY, WHERE PRACTICABLE, E
- 2) PREFORMED HALF CIRCLE CHANNEL PIPES. THE PIPELINE MAY, WHERE PRACTICABLE, BE LAID THROUGH THE MANHOLE & THE CROWN CUT OUT TO HALF DIAMETER, PROVIDED FLEXIBLE JOINTS ARE SITUATED ON EACH SIDE NO FURTHER THAN 600mm FROM THE INNER FACE OF MANHOLE WALL.

  NOTE: WHERE DIRE DIAMETER CHANGES AT A MANHOLE DIRE CROWNS TO LINE LIP.
- NOTE: WHERE PIPE DIAMETER CHANGES AT A MANHOLE PIPE CROWNS TO LINE UP

  3) MANHOLE CONSTRUCTION

  MANHOLES ARE TO BE CONSTRUCTED TO THE REQUIREMENTS OF IS EN 752 AND IS EN 476.
- BRANCHES/MAINLINES.
  5. INTERNAL GROUND FLOOR FOUL CONNECTIONS TO DRAIN SEPARATELY FROM THE UPPER STOREYS.

BEFORE WORK PROCEEDS.

ALL BURIED PIPES UNDER GROUND FLOOR SLABS TO BE ENCASED IN CONCRETE.

REQUIREMENTS UNLESS NOTED OTHERWISE.

7. CONTRACTOR TO NOTE REQUIREMENTS FOR PEDESTRIAN FRIENDLY GULLY GRATINGS ON THE GRANITE SHARED SURFACE CARRIAGEWAY. AND BUFF MACADAM ROADS. THESE SHALL BE A MESH TYPE D400 GRADE DUCTILE IRON GRATING. ROAD GULLIES IN BLACK MACADAM AREAS REQUIRE STANDARD D400 ROAD GULLY GRATINGS. ALL ROAD GULLY GRATINGS TO BE MIN. D400 RATING.

NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS 8

ARCHITECT'S DRAWINGS.FIGURED DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY

CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES

WASTE DRAINAGEDETAILS TO BE IN ACCORDANCE WITH IRISH WATER

REFER TO IRISH WATER DETAILS FOR ADDITIONAL INFORMATION.

MEANS OF 45° BRANCH CONNECTIONS. SADDLE CONNECTIONS

CONNECTION OF BRANCHES TO THE MAIN LINE ARE TO BE BY

ARE ONLY PERMITTED FOR CONNECTING GULLY TAILS TO

. REFER TO DRAWING C-1204 FOR PERMEABLE PAVING DRAINAGE AND SuDS DETAILS.



