

ROAD /FOOT PATH SURFACE

r PIPE LENGTH	
IN	INTERNAL DIAMETER OF MANHOLE (mm)
	600
	1000
	1250

## NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
   THE MINIAUM DEPTH OF COVER FROM THE FINISHED SURFACE TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS:
   GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS –
- DEPTH NOT LESS THAN 0.5 M. (THIS WOULD NORMALLY RELATE TO DRAINS IN PRIVATE PROPERTY, SHALLOW PIPES OF THIS NATURE ARE UNDESIRABLE AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE CURRENT BUILDING
- REGULATIONS). b. DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ENTRY BY VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES DEPTH NOT LESS THAN 0.75 M.
- DEFINITION LESS TRAVIDURS AND NARROW STREETS WITHOUT FOOTWAYS (E.G. MEWS DEVELOPMENTS) WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS VEHICLE WIEHT IN EXCESS OF 7.5 TONRES DEPTH NOT LESS THAN 0.9 M.
   DEPTHS OF SEWERS IN GATED ESTATES SHALL BE SIMILAR TO THAT OUTLINED
- ABOVE.
- ABOVE. e. AGRICULTURAL LAND AND PUBLIC OPEN SPACE DEPTH NOT LESS THAN 0.9 M. f. OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES DEPTH NOT LESS THAN 1.2 M. 3. CLAUSE 804/808 MATERIAL IN ACCORDANCE WITH THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS IS TO BE USED AS BACKFILL MATERIAL WHERE THE SEVER MAIN IS LOCATED IN ROADS, FOOTPATHS OR WHEN THE INEAREST PART OF THE TRENCH IS WITHIN 1m OF THE PAKED EDGE OF THE ROADWAY. CLAUSE ROADS FOR DEVICE THE ONLY FOR THE PAKED EDGE OF THE ROADWAY. CLAUSE OF THE TRENCH IS WITHIN 1m OF THE PAVED EDGE OF THE ROADWAY, CLAUSE 804/808 IS TO BE COMPACTED AS PER CLAUSE 802 OF THE NATIONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. CLAUSE 808 IS TO BE USED WITHIN 500mm OF CEMENT BOUND MATERIALS, CONCRETE PAVEMENTS, CONCRETE STRUCTURES OR CONCRETE PRODUCTS, OTHERWISE CLAUSE 804 AWR BE USED. ALTERNATIVE BACKFILL MATERIAL TO THAT DESCRIBED ABOVE (CLAUSE 804 OR CLAUSE 808) OF THE PIPE TRENCH WILL ONLY BE ALLOWED BY IRISH WATER WHERE THE ROADS AUTHORITY IN WHODE FUNCTIONAL AREA THE DEVELOPMENT IS LOCATED, PROVIDES WRITTEN APPROVAL TO THE DEVELOPER TO THE USE SUCH ALTERNATIVE MATERIAL. 4. SELECTED EXCAVATED MATERIAL MAY BE USED IN GREEN-FIELD AREAS ABOVE GRANULAR PIPE SURROUND MATERIAL SUBJECT TO THE APPROVAL OF IRISH WATER. 5. PIPE BEDDING SHALL COMPLY WITH WIS 4-08-02 AND IGN 4-08-01 GRANULAR MATERIAL. SHALL BE 14mm TO 5mm GRADED ACGREGATE OR 10mm SINGLE SIZED ACGREGATE IS EN 13242 CONCRETE BE HAUNCH & SURROND, WHERE RE EQUIRED
- AGGREGATE IS EN 13242 CONCRETE BED HAUNCH & SURROUND WHERE REQUIRE
- MATERIAL SHALL BE 14mm TO 5mm GRADED ACCREGATE OR 10mm SINGLE SIZED AGGREGATE IS EN 13242 CONCRETE BED HAUNCH & SURROUND WHERE REQUIRED SHALL BE TO STD-WW-08.
   IN SOFT GROUND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED AND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED AND CONDITIONS (CBR < 6) THE MATERIAL SHOULD BE EXCAVATED AND CONDITIONS (CBR < 6) THE MATERIAL SHOULD BE EXCAVATED AND CONDITIONS (CBR < 6) THE MATERIAL SHOULD BE EXCAVATED AND CORDANCE WITH THE WATER MANAGEMENT ACT AND CLAUSE 808 MATERIAL IN ACCORDANCE WITH THE WATE MANAGEMENT ACT AND CLAUSE 808 MATERIAL IN ACCORDANCE WITH THE WATE MANAGEMENT ACT AND CLAUSE 805 MATERIAL IN ACCORDANCE WITH THE WATE MANAGEMENT ACT AND ASSESSMENT BY IRISH WATER BEFORE ADVANCING WHTH THE WORK.</li>
   IN GREEN FIELD AREAS, TYPE B BACKFILL (SELECTED EXCAVATED MATERIAL) WILL BE ALLOWED ABOVE THE SIDE HAUNCH GRANULAR MATERIAL IN THE CASE OF RIGID PIPES. AND TYPE B MATERIAL MAY BE USED AS BACKFILL ABOVE THIS. ALL RISING MAINS IN GREENFIELD AREAS SHALL HAVE A MINIMUM COVER OF 300mm OF GRANULAR MATERIAL ABOVE THE EXTERNAL GROWN OF THE PIPE.
   PIPES SHALL NOT BE SUPPORTED ON STONES, ROCKS OR ANY HARD OBJECTS AT ANY PORT ALONG THE RENOLE BOTH OF THE SIDE ALOVEC THE EXCLUARED MATERIAL MACE ADAVECTURE IN ACCROBANCE WITH THE MATONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THE SUPPORTED AND STATION AND AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MARERIAL ACCORDENCE WITH THE MATONAL ROADS AUTHORITY SPECIFICATION FOR ROAD WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS SOND THE ACTUAL DERVENT THE WORK TAPE SHOULD INCORPORATE A TARCE WITH THE MUNCED TO TITITIONS AND THE ROAD. MARKER TAPE SHOULD BE ATACE WITH THE MUNCE TO TITITIONS AND THE ROAD. WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS SUPPORTED AT THE WASTE WATER PUMPING STATION AND THE DISCHARGE MATHOLE.
   NON DEGRADABLE MARKER TAPE SHOULD

- MANHOLE. 10. TRENCH WIDTH FOR PIPE SIZE <80mm MAY BE <500mm SUBJECT TO CONSIDERATION BEING GIVEN TO THE TRENCH DEPTH, HEALTH & SAFETY, CONSTRUCTION ACCESS REQUIREMENTS. 11. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
- 12. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES
- 12. EXBINING ROAD REINSTREMENT TO COMPLET WITH CONRENT VERSION OF GUIDELINES FOR MANAGING OPENING IN PUBLIC ROADS' BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS.
  13. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEB SITE AT WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/ WHERE THE DETAILS CONTAIN

INTERFECTION OF A STANDARD AND A STA

