

ALL DIMENSIONS IN MILLIMETERS. - REINFORCED CONCRETE CLASS 4 BUTT JOINTED WITH STEEL LOCATING BAND OR MILD STEEL OR GRP PIPE SEWER PIPE - STEEL CEMENT LINED WITH FUSION BONDED PE COATING - DI WITH POLYMERIC LINING 2100 SERIES PN 35 - PVC CLASS SN 8 - PE CLASS PN 12.5 - GRP CLASS SN 5000 MIN - REINFORCING CONCRETE CLASS 4 BUTT JOINT WITH STEEL LOCATING BANDS OR GRP JACKING PIPE - STEEL CEMENT LINED WITH FUSION BONDED PE COATING - DI WITH POLYMERIC LINING CLASS PN 35 - PVC (SWJ) CLASS SN 8 - PE CLASS PN 12.5 - GRP CLASS SN 5000 MIN -THE PIPE MATERIAL TO BE; STEEL WITH FBPE INTERNAL COATING PE CLASS PN 12.5 PVC (SWJ) CLASS SN 8 GRP CLASS SN 5000 MIN - NO SERVICE CONNECTIONS TO BE MADE TO ENCASED SECTION OF PIPELINE - ENCASING AS SHOWN 010-046. MANHOLE TO BE LOCATED AT LEAST 6000 FROM THE TOE OF EMBANKMENT OR TOP OF CUT FOR DI MAINS, ALL FITTINGS TO BE FUSION BONDED COATED SEWER PIPE < DN 150 CAN BE DIRECTLY BORED USING PE PIPE PLACE MARKERS ABOVE PIPELINE AT THE POINTS WHERE IT ENTERS AND PROVIDE CATHODIC PROTECTION AS DIRECTED BY THE RAILWAY AUTHORITY PROVIDE ELECTRICAL CONTINUITY AND INSULATION AS SPECIFIED IN DESIGN DESIGN TO BE IN ACCORDANCE WITH AS 4799 - RAILWAY REQUIREMENTS MINIMUM COVER FOR ALL PIPELINES BELOW RAIL LINES: - NOT LESS THAN 1600 BELOW RAIL LEVEL - NOT LESS THAN 600 BELOW FORMATION LEVEL ie THE GROUND LEVEL IMMEDIATELY BELOW THE RAIL - NOT LESS THAN 2000 BELOW RAIL LEVEL TO TOP OF TIMBER FOR TUNNEL 12. FOR ELECTRIFIED RAILWAY SYSTEMS PREFERENCE SHOULD BE GIVEN TO THE APPROVED D. MAUNDER 31/08/2016 SHEET 1 OF 1 MANAGER ENGINEERING AND STANDARDS SUPPORT DATE AS DRAWING No AMDT SHEET SIZE 010-042 DRWN GW **A3** CADFILE 010-042.dwg DATE 31/08/2016 *снко* MW