

[illegible]

Pipelines have been designed based on Simplified Tables of External Loads on Buried Pipelines. Pipes under Main Roads with the depth of cover related to finished construction level of road. The contractor shall ensure that overload of the pipes does not occur during construction. The following precautions shall be adopted.

- CDM REGULATIONS 2015

- ## DRAINAGE PIPEWORK AND BEDDING DETAILS

2. All 150-300mm surface water sewers shall be Extra Strength Clayware to BS EN 295. All surface water sewers of 375mm or greater shall be Concrete Class 120 to BS 5911-1:2002.

3. All pipe bedding shall be Class S, (FM 2.2), unless otherwise stated.

Drawing Approval Status:-



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Damgate, Holbeach

Longitudinal Section - Sheet 2 of 2

Seagate Homes
Pudding Lane
Pinchbeck, Spalding
Lincolnshire
PE11 3JT

TJW
Date: 00.11.10



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Certified by Afnor UK

MANHOLE COVER LEVELS APPROX (m)		
FOUL WATER SEWER INVERT LEVELS (m)		
SURFACE WATER SEWER INVERT LEVELS (m)		
MANHOLE DIAMETER (mm)		
Road 5		
Datum: -3.000M AOD		
CHAINAGE ON CENTRELINE (m)	0.000 2.750 10.000 20.000 30.438 40.438 50.438 60.000 70.000 80.000 90.000 100.000 110.000 118.272 119.022	
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	3.591 3.666 3.681 3.710 3.740 3.748 3.718 3.671 3.621 3.571 3.521 3.471 3.421 3.390 3.321	
LEVELS ON LEFT HAND CHANNEL (m)	3.612 3.641 3.671 3.681 3.650 3.602 3.552 3.502 3.452 3.402 3.352 3.302 3.252	
LEVELS ON RIGHT HAND CHANNEL (m)	3.750 3.779 3.809 3.818 3.788 3.740 3.690 3.640 3.590 3.540 3.490 3.440 3.390 3.340	
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	GRADIENT 0.288% (1 in 346.622) LENGTH = 27.698m HOG CURVE R = 2536.466 L = 20.000 GRADIENT -0.500% (-1 in 200.000) LENGTH = 65.836m	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 23.190m CURVE R = 24.750 L = 25.984 STRAIGHT LENGTH = 13.329m CURVE R = 35.750 L = 31.004 STRAIGHT LENGTH = 20.015m	
EXISTING LEVELS (m)	2.675 2.682 2.690 2.696 2.701 2.705 2.708 2.710 2.711 2.712 2.713 2.714 2.715 2.716 2.717 2.718 2.719 2.720 2.721 2.722 2.723 2.724 2.725 2.726 2.727 2.728 2.729 2.730 2.731 2.732 2.733 2.734 2.735 2.736 2.737 2.738 2.739 2.740 2.741 2.742 2.743 2.744 2.745 2.746 2.747 2.748 2.749 2.750 2.751 2.752 2.753 2.754 2.755 2.756 2.757 2.758 2.759 2.760 2.761 2.762 2.763 2.764 2.765 2.766 2.767 2.768 2.769 2.770 2.771 2.772 2.773 2.774 2.775 2.776 2.777 2.778 2.779 2.780 2.781 2.782 2.783 2.784 2.785 2.786 2.787 2.788 2.789 2.790 2.791 2.792 2.793 2.794 2.795 2.796 2.797 2.798 2.799 2.800 2.801 2.802 2.803 2.804 2.805 2.806 2.807 2.808 2.809 2.810 2.811 2.812 2.813 2.814 2.815 2.816 2.817 2.818 2.819 2.820 2.821 2.822 2.823 2.824 2.825 2.826 2.827 2.828 2.829 2.830 2.831 2.832 2.833 2.834 2.835 2.836 2.837 2.838 2.839 2.840 2.841 2.842 2.843 2.844 2.845 2.846 2.847 2.848 2.849 2.850 2.851 2.852 2.853 2.854 2.855 2.856 2.857 2.858 2.859 2.860 2.861 2.862 2.863 2.864 2.865 2.866 2.867 2.868 2.869 2.870 2.871 2.872 2.873 2.874 2.875 2.876 2.877 2.878 2.879 2.880 2.881 2.882 2.883 2.884 2.885 2.886 2.887 2.888 2.889 2.890 2.891 2.892 2.893 2.894 2.895 2.896 2.897 2.898 2.899 2.900 2.901 2.902 2.903 2.904 2.905 2.906 2.907 2.908 2.909 2.910 2.911 2.912 2.913 2.914 2.915 2.916 2.917 2.918 2.919 2.920 2.921 2.922 2.923 2.924 2.925 2.926 2.927 2.928 2.929 2.930 2.931 2.932 2.933 2.934 2.935 2.936 2.937 2.938 2.939 2.940 2.941 2.942 2.943 2.944 2.945 2.946 2.947 2.948 2.949 2.950 2.951 2.952 2.953 2.954 2.955 2.956 2.957 2.958 2.959 2.960 2.961 2.962 2.963 2.964 2.965 2.966 2.967 2.968 2.969 2.970 2.971 2.972 2.973 2.974 2.975 2.976 2.977 2.978 2.979 2.980 2.981 2.982 2.983 2.984 2.985 2.986 2.987 2.988 2.989 2.990 2.991 2.992 2.993 2.994 2.995 2.996 2.997 2.998 2.999 3.000	