



Drainage.
Connections and Discharges.
Foul drainage existing pumped main repaired and replaced to existing mains sewer in adjacent property.
Surface water to existing SW mains sewer mains sewer
Specification:
All new drains will be designed to comply with BS EN 752 .
New soil and surface water drainage: Hepworth Supersleeve or similar spun clay 100 mm. diameter pipes with u.p.v.c. flexible sealed collars laid in clean square cut trenches at a gradient of not less than 1: 60 fall. Carefully back fill trenches with layered back fill strictly in accordance with the manufacturers instructions. All fittings including manholes, inspection chambers, back inlet gullies etc. to be from the same range and supplier. Set all pre formed gullies and chambers on 150 mm. concrete bases and surround with 150 mm. sleeves. Fit gullies with plastic or galvanized grills. Fit manholes and inspection chambers with steel rims and covers, as supplied by the manufacturer set in mortar surrounds. Where manholes exceed 900 mm. deep form manholes in class A engineering bricks off 150 mm. solid concrete bases and form hanching to pipes and channels with smoothed concrete. Set manhole covers onto pre formed r.c. covers where manholes internal size is greater than 450 mm. x 600 mm. which is the minimum acceptable internal dimension for a 900 mm. deep manhole. Where drains are less than 1500 mm cover to head of pipe and under the vehicular access pipes are to be surrounded in a 150 mm. concrete sleeve with flexcel joints at all pipe joints.

Drain Lines.
The new drain lines shown are illustrative. The builder should determine the best connections on site with the approval of the Building Inspector.

BLOCK PLAN 1/200 SCALE

SCALE BAR 1/200 ORIGINAL DRAWING SIZE A3	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0 metres		80.0 metres	70.0	60.0	50.0	40.0	30.0	20.0	10.0	0.0	SCALE BAR 1/500
SCALE BAR 1/100	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0 metres		400.0 metres	350.0	300.0	250.0	200.0	150.0	100.0	50.0	0.0	SCALE BAR 1/2500
SCALE BAR 1/50	0.0	1.0			2.0		3.0		4.0		5.0 metres											

UNITS 5 & 6 ENNERDALE MILL EGREMONT CUMBRIA CA22 2NL For REAYS COACHES LIMITED	BLOCK PLAN PROPOSED WITH DRAINAGE		Scale: Date: DWG No.	1/200 @ A3 NOV 2019 19/0239/02.	REV DATE	Geoffrey Wallace Limited FCSD MCIAAT Architctural Design and Technology Mobile 07816046756 geoffreywallaceltd@gmail.com
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