

Figured dimensions to be taken in preference to scaled.
Dimensions to be checked on site before work commences.
No deviation from this drawing will be permitted without the prior written consent of the Architect.
Ground floor slabs, foundations, structure, etc., and all work below ground is shown provisionally and inspection of ground conditions is essential prior to work commencing.
Reassessment is essential when the ground conditions are apparent and redesign may be necessary in the light of soil conditions found.
The responsibility for establishing the soil and subsoil conditions rests with the Contractor.



REF	COVER LEVEL	INVERT LEVEL	CHAMBER TYPE
F1	5.975	5.585	Type A
F2	5.825	5.480	Type C1
F3	5.825	5.380	Type C1
F4	5.925	5.310	Type B1
F5	5.925	5.215	Type B1
F6	5.825	4.835	Type B1
F7	5.800	5.185	Type C1
F8	5.860	4.625	Existing chamber & cover

S1	5.825	5.325	Type B2
S2	5.800	5.075	Type B2
S3	5.700	4.850/4.700	Existing chamber & cover
S4	5.860	4.500*	Type D (* approx. invert)

S5	5.750	5.350	Type A
S6	5.750	5.150	Type A
S7	5.750	5.025	Type B1
S8	5.925	5.475	Type A
HW	N/A	4.875	Headwall Outlet into Ditch

INSPECTION CHAMBER TYPES

- Type A Marley or equal 250mm dia. shallow access type UCC7 double branch chamber base & riser with UCL2 circular PVCu cover & frame (A15 loading) up to maximum 600mm invert depth.
- Type B1 Marley or equal 450mm dia. preformed polypropylene type UCC3 with UCR2 riser(s) to suit invert depth (or use UCC3D base & riser up to 650mm invert depth) with UCL3S 450 dia. cast iron cover and frame to BS EN 124 (suitable for 3.5 tonnes domestic driveway loading) and up to maximum invert depth 1200mm.
- Type B2 Marley or equal 450mm dia. preformed polypropylene type UCC5 with UCR2 riser(s) to suit invert depth.
- Type C1 As B1 but with recessed ductile iron cover and cast iron frame to BS EN 124 (suitable for 12.5 tonnes commercial vehicle loading) infilled with block paving
- Type C2 As B2 but with recessed ductile iron cover and cast iron frame to BS EN 124 (suitable for 12.5 tonnes commercial vehicle loading) infilled with block paving
- Type D New brick or precast concrete segmental manhole built over existing surface water sewer with heavy duty double triangular ductile iron cover and frame to BS EN 124 Class D400 (suitable for 12.5 tonnes commercial vehicle loading) built to Southern Water adoptable standard specification.

KEY

- 100 dia foul drain and inspection chamber (type as above)
- 100/150 dia surface water drain and inspection chamber (type as above)
- Road gully with hinged grating
- Finished ground floor level of new building
- Proposed nominal finished ground level

A - Drainage layout amended to include discharge to existing surface water sewer on site.
revisions
date
06-02-15

drawing	drawing no.	rev.	date	scale(s)	sheet size
PROPOSED DRAINAGE LAYOUT & LEVELS	21412/208	A	NOV 2014	1:200	A1
	client				
	N P SLYDELL				

project

PROPOSED RESIDENTIAL & COMMERCIAL REDEVELOPMENT OF HAYDEN GARAGES & ADJOINING SITES, 58-64 STATION ROAD HAYLING ISLAND, HAMPSHIRE PO11 0EL

Jeffrey Douglas Chartered Architect

60a Sinah Lane Hayling Island Hampshire PO11 0HH
Tel: (023) 9246 8889 E-mail: jd@jeffreydouglas.co.uk