



Bus stop retained

Bus stop revised position

New dropped kerb and block paved entrance—see detail

HIGH STREET

ANGEL STREET B6098

MANHOLES S1 & S2
Manhole construction — refer to CPA technical bulletin Sept 2001 outlining changes to relevant British Standard BS5911—200:1994.
All precast concrete products are to be kitemarked

Manhole covers to have a clear opening of 600 x 600mm and shall be class D400 to BS EN124 with 150mm deep frames.

OSGM02 TRANSFORMATION (GPS)
COORDINATE GRID IS BASED ON
OSGB36 COORDINATE SYSTEM (GPS)

SURFACE WATER DISCHARGE
Existing impermeable area 0.097Hc
0.097Hc x 60mm/hr x 2.78 16.2 l/s/Hc
30% reduction (planning cond) 11.3 l/s/Hc
Maximum discharge for 100yr storm

Design to include 30% climate change and 10% urban creep

OPTIMUM
SHE-0154-1130-1000-1130
bypass door from
Hydro International UK
Shearwater House
Clevedon Hall Estate
Victoria Road
Clevedon BS21 7RD
Tel 01275 878371
Head 1.00m Flow 11.3 lts/sec

PRIVATE DRAINAGE

All drainage to comply with BS8301
100mm drains to be laid at minimum gradient 1 : 80. 150mm drains to be laid at minimum gradient 1 : 150.
All drainage to be 100mm diameter, unless otherwise stated. All final connections to main sewer to be 150mm diameter. All connections joints to remain flexible.
Drains passing under buildings to be retained flexible with a bed and surround of pea gravel. All drains to be bridged over with concrete lintels when passing through walls.
All foundations to be taken below invert level of localized drains where within 1.00m of foundations.
All sink wastes not connected to an inspection chamber or manhole to be connected via a roddable gully.
225mm dia inspection chambers to be laid at a maximum depth of 600mm below finished ground level.
450mm dia inspection chambers to be laid at a maximum depth of 1200mm below finished ground level.
1200 x 1000mm pc concrete sections to BS 5911 to be laid at a maximum depth of 3.00m below finished ground level.

— Rodding eye
— Aco channel or similar

A: Plots 4/5 rwp connections, plots 7/8 svp's added, plots 1-3 svp positions amended notes revised 26-5-20



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Drainage layout

DRAWN BY rab

SCALE 1:200 (A2) DATE May20

DRAWING No 1125-1 REV A

PRELIMINARY ONLY