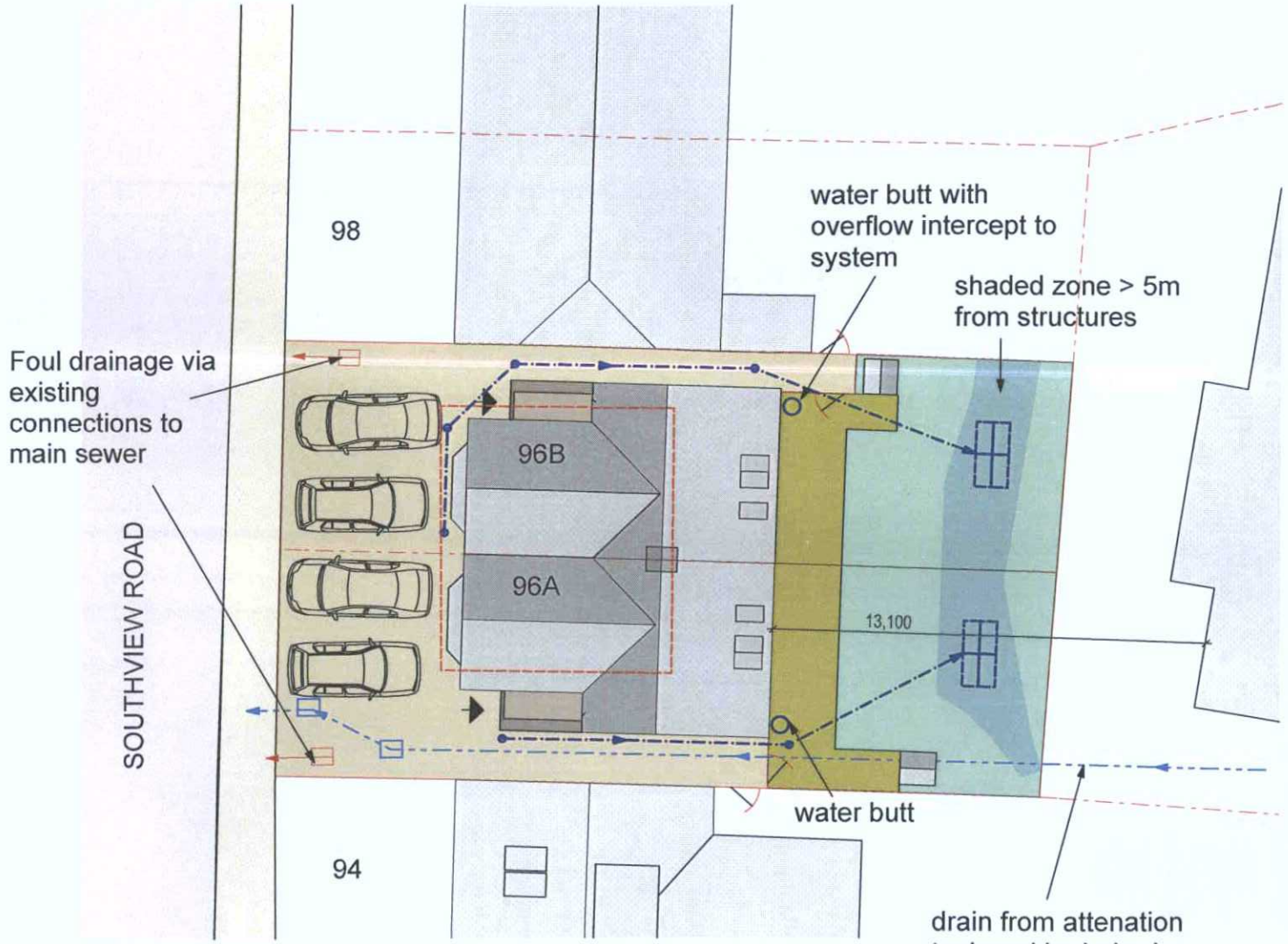


Site Plan 1:200

0 1 2 3 4 5 6 7 8 9 10
metres

N

Surface Water Criteria Strategy

Existing Situation

Roof Area	57 sq.m currently to soakaway
Concrete front apron	85 sq.m to highway
Rear area	concrete /rough ground

Proposed Situation

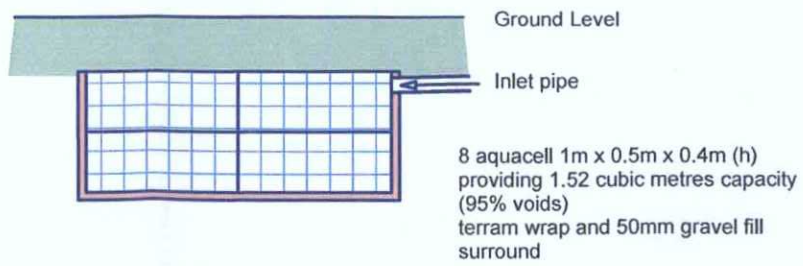
2 Dwellings each Roof Area	47 sq.m (each)
2 New Permeable Drive/ paths	54 sq.m Front
	12 sq.m (Rear

Calculation for Each Dwelling
Permeable drives and paths infiltrating surface water.
Roof Drainage area for 47sq.m

Vol = A × (rainfall rate/3000)
= 47 (50/3000)
Vol required = 0.78 cubic metres /dwelling

Proposal is for 12 aquacell crates with fill and Geotex surround / dwelling providing 1.5 cubic metres (95% voids)of soakaway volume /dwelling providing 190 % of requirement.

2 Layer Cell Depth 800mm set at 1.15m below ground with 350mm cover in lawn areas.
Cell units all > 5m from any built structure



Cell Soakaway detail 1:50

drawing originated at A3

planning

[redacted]

ADUR & WORTHING
PLANNING SERVICES
PLAN AWDM/1864/15
DATE VALID 19 JAN 2016

Replace existing 2 storey office with 2 New 2 Bed Houses

96 Southview Road
Southwick
Brighton
BN42 4TT

December 2015
as shown @ A3

15027_P07
DRAINAGE STRATEGY

circle 25

Architectural Design
Planning
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