

Orchard End

Roof Area to be drained approx. 40 square metres,
x factor of 1.5 for 45 degree pitch.
Effective roof area to be drained : 60 sq.m

Pipes to be reinforced
with 150mm C35
concrete with 2 layers
A393 mesh where
passing under the
driveway

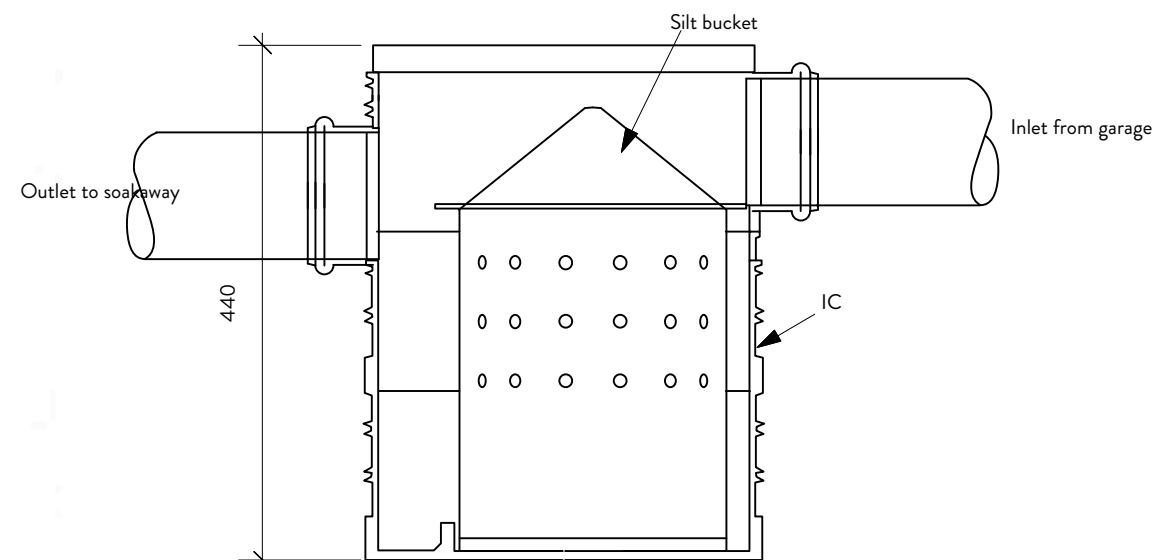
110mm dia uPVC drainage
laid to a minimum of 1:100
falls

silt trap, see detail

Proposed soakaway location

Soakage test &
groundwater
monitoring

Site access as existing



Polypipe Mini Silt Trap Detail

Soil infiltration test results 28/11/19

test hole : 0.35m wide, 1m long and 0.8m deep

Results for 75-25% effective capacity - 71, 75, 80 minutes

Rate calculated as being 1.46×10^{-5} .



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COMPANY REGISTERED IN ENGLAND & WALES

REGISTRATION NUMBER : 8644051

Proposed Replacement Garage

Project: Orchard End
Highground Lane
Barnham
Bognor Regis
PO22 0BU

Date September 2019

Scale 1:200 @ A3

Revision A : 12/02/20 : Updated

Job No. 1538

102 - Proposed Surface Water Drainage

HIGHGROUND LANE

27m

16m