


64mm ϕ rwp's into common 100mm ϕ hepsleve stormwater drainage from front to soakaway 1200mm ϕ x 1200mm below invert level, 5000mm from building, laid on 100mm peashingle & surround to falls 1:60	form new manhole invert level 660mm below cover level 675 x 900mm internal size 112mm special sand/lime brick onto 100mm concrete base mortar mix 1:1:6 form 5no. slips & hauching
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aco drainage around inside of building to discharge onto grass at front

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to discharge onto grass at front

100mm ø hepsleve drainage laid on 100mm peashingle
& surround to falls 1:60 to existing manhole



existing manhole
invert level 790mm

302mm cavity brickwork, 102mm facing brick, 50mm cavity,
50mm kingspan TW50 insulation against 100mm celcon
standard blockwork, 12mm carlite plaster internal finish
stainless steel double triangle wall ties @ 750mm c/c's
& 450mm c/c's vertically staggered. mortar mix 1:1:6
thermatec cavity closers

catnic CG90/100 galvanized m.s. lintol over with soldier arch
double glazed aluminum window with 'k' glazing with trickle vent 8,000mm2.
openable area 0.33m2 escape opening
safety glazing to critical areas to B.S. 6206
thermate cavity closers

100mm celcon standard blockwork with dpc under built
off oversite concrete with no hardcore under & 12mm
carlite plaster both sides

* mechanical ventilation to toilets & shower area
to be greenwood airvac R90HT ductwork @ high level
through external walls

concrete interlocking tiles onto 38 x 25mm impregnated s.w. battens
onto Tyvek 2001B-Pro breather felt onto gable nailed impregnated fink trusses
at 600mm c/c's max. onto 50 x 100mm impregnated s.w. wall plate with 5 x 30mm galvanized
m.s. 'L' straps at 1800mm c/c's over and plugged & screwed to blockwork.
gale nailed truss rafters see specialist details
25 x 100mm impregnated s.w. longitudinal & diagonal bracing. 5 x 30mm galvanized
m.s. 'L' straps @ 1800mm c/c's built into blockwork and across 3no. ceiling joists &
rafters with 50 x 100mm impregnated s.w. noggings under

set to falls 1:60 to wade 2302 grating to wade G202 gulley into
50mm ø waste into 100mm ø to back inlet gulley into 100mm ø hepsleve
drainage to new manhole laid on 100mm peashingle bed & surround

w.c. with special manifold 'P' trap into 100mm ø soil waste to take
basin with deep seal trap into 32mm ø waste to special manifold into
100mm ø hepsleve to new manhole

toilet 3:
100mm ø s & v.p wrapped in 25mm sound insulation glassfibre
12.5mm plasterboard & scim coat to galvanized m.s. framing with
100mm ø branch to rear wrapped in 25mm glassfibre sound insulation
glassfibre to take:
w.c. with 'P' trap into 100mm ø soil waste
basin with 32mm ø waste
form shower area set to falls 1:60 to waste 2302 draining to waste G202 gully into
50mm ø waste to connect into 100mm ø hepsleve drainage laid on 100mm peashingle
bed & surround into 100mm ø hepsleve to new manhole

B mechanical ventilation added august 2017

proposed changing rooms

plans

scale: 1:50

date: may 2017



J. S. Alford RIBA
Chartered Architect
three elms, pip's view, cooling, rochester, kent
tel/fax: midway (01634) 220165