Roof construction:

reconstructed slate,
treated 19 x 38 s/w batten,
treated 19 x 38 s/w counter batten,
on 55 x 50 cross battens with
55thk Celotex GA4000 over rafter insulation
on 170 x 47 jack rafters @ 400 c/c with
55thk Celotex GA4000 between,
115 rafter space,
1000g polythene vapour control layer and
air leakage barrier,
12.5 Knauf wallboard,
plater skin coat

height of ridge
on 116.005 planning drg
(6653 from FFL)

Unit 3 - 6 height of rear parapet
on 116.005 planning drg
(5567 from GL)

Unit 2 height of rear parapet
on 116.005 planning drg
(4938 from GL)

South East elevation to Main Building
1:100@A3, 1:50@A1

arrest wire across full length
of roof, to aid gutter maintenan
on two s/s rods, and fixed to pa
at each end, approx 300 above
roof finish
roof gutter to parapet wall

ridge height from GL

masoNFRy wall beyond,
with Timloc cavity tray (where
applicable) or stepped dpc
reconstructed stone capping

144 x 19 timber fascia and
18 thk wbp ply soffit
rebated to fascia

100 dia pvcu gutter in black,
fixed to timber fascia , with
brackets in accordance with
manufacturers instructions

brick corbell at party
wall line, to separate units,
refer to detail 165.000

Wall construction

102 London yellow stock brick,
135 cavity with,
50 air gap,
85 Celotex CW4000 to inside face,
100 dense concrete block,
lightweight plaster

Ancon Staifix ST1 wall ties
at 750 vertically and
450 horizontally max c/c
300 away from openings max
fitted strictly in accordance with
manufacturers instructions

Hyload housebuilder DPC, and
cavity tray with open
perpends at 1200 c/c

gutter to have enough capacity
to enable only one outlet
at each end of building - all
as struct eng design

beam 2
406 x 178 ub

u/s wall plate   2200 high

u/s soffit

Concord Ovation 65
to spec by Mech Eng
200 x 65 x 1540
refer to drg 165.108 for
reflected ceiling plan

level of heights to be agreed, and
approved by Mech Eng

75 screed on,
Hanson beam and block floor with T008
beams and dense concrete blocks between,
with Gyproc MF plasterboard ceiling below,
to incorporate recessed lights

fascia

cut block   cut block
3250   3250
6500
6300

352

precast T008 beam in elevation
ceiling void

Hyload housebuilder DPC, and
cavity tray with open
perpends at 1200 c/c

GL varies

535
100
85
235
300
100

+10.325

+11.535 FFL   +11.535 FFL

screed
block

65 floor zone to be hardwood engineered
floor finish on s/w battens, on neoprene strips,
with access panels by Contractor.
Floor 'system' to be made on site by contractor.
Engineered board to be specified by Client.

Wall construction

102 London yellow stock brick,
135 cavity with,
50 air gap,
85 Celotex CW4000 to inside face,
100 dense concrete block,
lightweight plaster

Hyload housebuilder DPC, and
cavity tray with open
perpends at 1200 c/c

wall to be 335 thk?
+8.975
? 2000g dpm

? cavity drain system to sump
Wall construction

335 concrete retaining wall,
1200g dpm vertically,
50 cavity,
100 x 50 studs at 400 c/c with
85 Celotex GA4000 between studs,
Celotex TB4000 over studs with taped joints,
Knauf wallboard and skim coat.

foul and surface
water drainage
to run below slab
adjacent to beam

dpc

+9.100 GL

+8.600 FFL

+8.400 SSL

Floor construction: Unit 6
timber floor zone (finish to be confirmed),
75 screed,
500g polythene separating layer,
75 Celotex GA4000,
DPM 1200g polythene,
250 reinforced concrete slab
100 claymaster (as specified by Sturctural Engineer)

Cross Section thru Unit 6, Ground Floor Level
1:40@A3, 1:20@A1

1200g polythene DPM,
lapped under internal dpc

+8.450 GL

+8.225

dpc

+8.600 FFL

+8.400 SSL

65

fall

Floor construction: Unit 1, 2, 3, 4
timber floor zone (finish to be confirmed),
75 screed,
500g polythene separating layer,
60 Celotex GA4000,
DPM 1200g polythene,
250 reinforced concrete slab
100 claymaster (as specified by Sturctural Engineer)

Typical Section
1:40@A3, 1:20@A1

U3   U3a   U3

290
260
1060
2222
1800
740
300
5800
5050
2525
6968

225
75
110
330

2525
2635
2935

do not scale from this drawing.
verify all dimensions by site measurement.
errors and omissions to be reported to the architect.
copyright.

drawing status
Drawing issued for Planning purposes only

scale bar
0   0.5m   1.0m   2.0m   3.0m   4.0m

notes
1. Final coordination of drawings and information with ADS Associates and Mecserve to be finalised on later issues of this drawing. Any discrepancies to be reported to the architect

title
Typical Section

client
Charles Richards

project
Proposed B1 units on
land to rear of 33 - 57 Grosvenor Road
Twickenham, Middlesex TW1 4AD

drawing number
165.105d

scale
1:50@A1 / 1:100@A3

date
12.08.11

drawn
gt

checked

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