NORTH

KEDLESTON HALL

ALL SAINTS CHURCH

1766 CULVERT

SOUTH COURTYARD

STABLES

NORTH COURTYARD

NORTH WEST WING

FAMILY WING

QUADRANT CORRIDOR

soakaway

inspection chamber beneath paving

inspection chamber

kitchen sink

w.c.

vent pipe adjacent foul drain

r.w.p

land drain

75mm plastic pipe inserted into existing brick channel beneath steps

new foul drain installed 2002

access point visible in culvert

pipe installed in culvert circa 1890

back drop

1890 (disconnected)

pipe within culvert taken beneath culvert at this point and is routed to mh as indicated (discovered in culvert investigation 2005).

assumed route of culvert

14.000m (m.h. in line with window)

connection in basement for future washing machine - 2009

3" cast water pipe approximately 600mm below ground level adjacent to yard gully and new manhole. Just above is old/dead electric cable and a nearby 150mm hepsleye drain pipe pointing north east, now dead

new MH 21

new MH 22

new MH 23

Lead water pipe 2" dia.850mm below ground level with stop tap adjacent to restaurant door

Family flat connected onto House system

redundant drains - 2009

2.5" cast iron water pipe approx. 500mm below ground level & 600mm from building

3" cast iron water pipe approx. 700mm below ground level and 1metre from adjacent water pipe.

existing drain retained for new connections - 2009

180mm dia fire hydrant 450mm below ground level

Old grease trap removed and new grease trap installed 2009 in location indicated due to presence of adjacent water services.

Telecom and power cable in 4" ducting between house and sewage treatment plant from North East corner of West Wing to MH12 and on to treatment plant.

New manholes east side of west wing
MH21. Washing machine - 800mm below cover level (2-3" gravel above)
MH22. Family Flat - 900mm below cover level (2-3" gravel above)
MH23. 90 degree turn - 950mm below cover level (2-3" grass turf above)

Fire hydrant main, approx. 900mm below ground level tight to MH12

Drain capped off - 2009

Eléctric cable, approx. 600mm below ground level, 600mm from MH12

old MH13 capped off and made safe - 2009

New MH13 (IL - 97.29) (CL - 99.89)

New MH14 (IL - 96.94) (CL - 99.02)

redundant drains and MH 14 - 2008

MH 14 capped off - 2008

6" glazed surface water drain (possibly installed when the army were on the site in the second world war) approx. 600mm below ground level

New MH14A (IL - 96.60) (CL - 98.10)

MH 119

drain capped off - 2008

Brick culvert approx. 2.6metre below ground level to the crown

6" glazed surface water drain (possibly installed when the army were on the site in the second world war)

3" cast iron water pipe approx. 1metre below ground level.

New MH15A installed 2008 (IL - 95.27) (CL - 96.72)

East wing connected onto House system, 2008

redudant drain capped off at MH 15 - 2008

to septic tank

KEY

surface water gulley

r.w.p and gulley

THE NATIONAL TRUST

KEDLESTON HALL

DRAINAGE INVESTIGATION - MAY 1996.

(Last drawing update - October 2012).

COMPOSITE PLAN - 2837 / 01 G
Drainage Layout - scale 1:200 at A0

(The drawing to be read inconjunction with Drainage Investigation Report)

Revision A - (March 1997) Drawing revised in March 1997 following opening up and investigation works carried out during the closed season 1996/97.

Revision B - (May 1997) Note 41A added following further investigation of the west section of the upper culvert.

Revision C - (Dec 1999) Drawing updated following drainage works carried out in 1998/99 to separate foul and surface water drains serving the Stable Block and stable courtyards, and installation of new surface water drain serving the estate drive on the north side of the Stable Block.

Revision D - (May 2000) Notes 83, 84, 85, 86 & 87 added following further investigation of gullies.

Revision E - Soakaways added to gullies in north and south courtyards as indicated (Jun/Feb 2001)

Revision F- Drainage work undertaken around Family Wing in 2002 added. Results of culvert investigation undertaken in 2005 added.

Revision G- Family wing connected onto House system. Family flat in west wing connected onto House system. Grease trap renewed. Drains replaced from MH12 to MH16 to simplify routing and remove backfall and 'dog-leg'.

NORTH

KEDLESTON HALL

MH 21
MH 22
MH 23
MH 12
MH 13
MH 14
MH 14A
MH 15
MH 16
MH 17
MH 18
MH 19
MH 20

Black wire (telecom?) 200mm below ground level adjacent MH14A.

100mm telecom duct 750mm from road edge 500mm below ground level

Old septic tank filled in and inlet and outlet pipes connected

French drain parallel to road draining to soakaway on other side of road

Length of pipe replaced from STP to outfall at culvert. Section at road crossing sheathed in 100mm duct in base of future removal. A second 100mm dia duct also installed in the same trench for future use by any other service. Work carried out in Oct 2012 by MPC Services.

sewage treatment plant

SITE PLAN 1:1250