

Figures

Figure 1 Borehole Location Plan

Figure 5 Preconstruction Topographic Plan Overlaid With Basement/Building Footprint And Areas Of Soil And Groundwater Contamination from February 2012 (reproduced from remediation Statement)

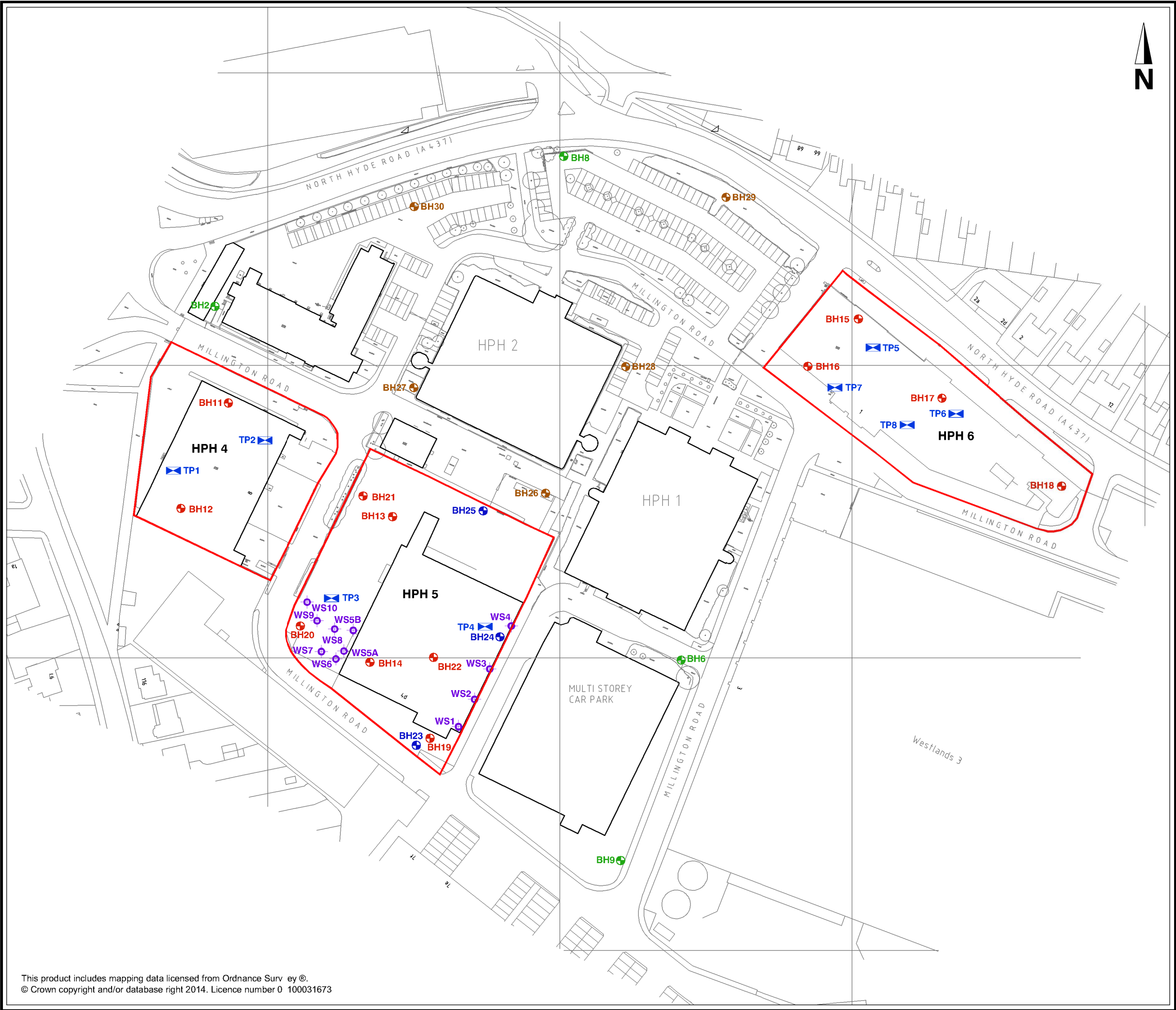
Site Location Plan (Celtic)

Site Layout Plan (Celtic)

Validation Sampling Locations (Celtic)

Photographic Log (Photos 1-7) (Celtic)

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- KEY:
- SKME Percussion Boreholes
BH11 - BH18: July 2012
BH19 - BH22: January 2013
 - Delta Simons Boreholes
 - SKME Trial Pits: July 2012
 - SKME Window Samples: January 2013
 - Percussion Boreholes
BH23 - BH25 March 2014
 - Jacobs Boreholes October 2014

HPHA LTD

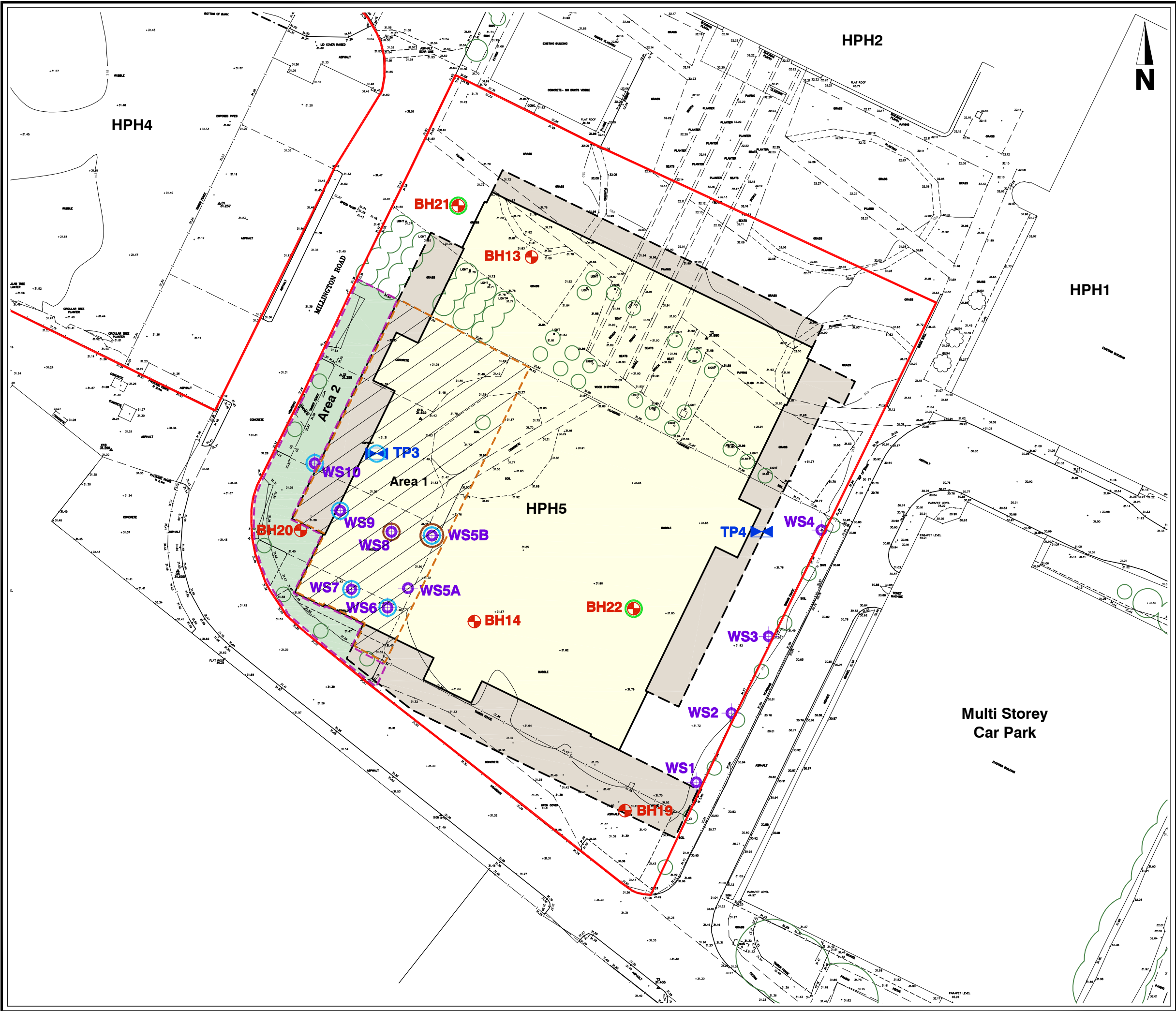
PHASE 2 SITE INVESTIGATION
HPH5

FIGURE 1

BOREHOLE LOCATION PLAN

SCALE	PROJECT No.
1:2500 @A3	KU03300
CONTENT	DRAWN
MWB	AJR
CHECKED	DATE
MWB	SEPTEMBER 2014





KEY:

- Site Boundary
- Building Footprint
- Basement Footprint
- SKME Percussion Boreholes
BH11 - BH18: July 2012
BH19 - BH22: January 2013
- SKME Trial Pits: July 2012
- SKME Window Samples: January 2013
- Made Ground Classified as Hazardous
Waste WM2 Screening
- Asbestos Present, Chrsotile - Loose Fibres
- Elevated Concentrations of Trichloroethene
(TCE); 1,2 - Dichloroethene (1,2 DCE), and
Vinyl Chloride (VC) in Groundwater in
Lynch Hill Gravels above UKDWS and
WHO Drinking Water Standards
- Area 1 - Made Ground (ca. 1.5m thick) Under
Hardstanding for Off Site Disposal
(Basement Dig) likely to be Classified as
Hazardous Waste (WM2 Screening)
(Area : 806m² , Volume: 1209m³)
- Area 2 - Made Ground (ca. 1.5m thick) Under
Hardstanding for Off Site Disposal
(Basement Dig) likely to be Classified as
Hazardous Waste (WM2 Screening)
(Area : 327m² , Volume: 490.50m³)

HPHA LTD

PHASE 2 SITE
INVESTIGATION HPH5

FIGURE 5
EXISTING TOPOGRAPHIC PLAN
OVERLAID WITH BASEMENT/
BUILDING FOOTPRINT AND AREAS
OF SOIL AND GROUNDWATER
CONTAMINATION

SCALE	PROJECT No.
1:500 @ A3	JL30666
CONTENT	DRAWN
RLP	AJR
CHECKED	DATE
RLP	FEBRUARY 2012



Hayes HPH5

Celtic 
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Kier Construction

Project:
HPH5 Hayes

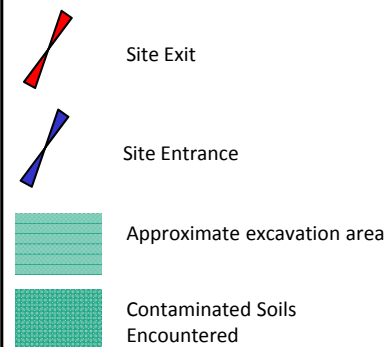
Job No.:
C1588

Title: Site Location

Scale:
NTS

Date Drawn:
January 2014

Drawing No.:
R1588/Validation Report 1



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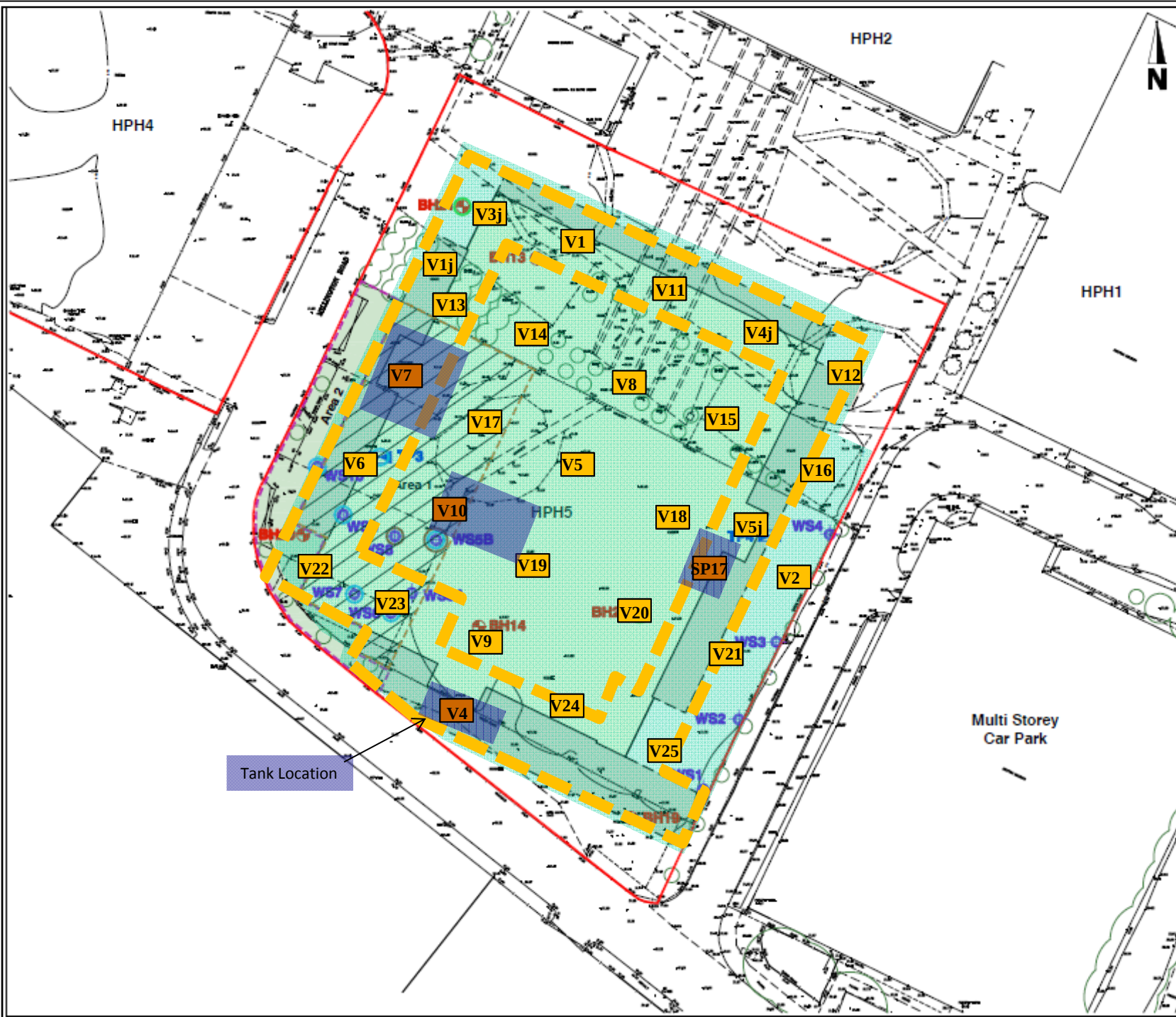
Job No.:
C1588

Title: Site Layout

Scale:
NTS

Date Drawn:
January 2014

Drawing No.:
R1588/Validation Report 2



Approximate Piling Mat
Excavation to 1.5m bgl



Approximate excavation area



Odorous gravels noted



Validation Sample Locations



Sample locations of
odorous gravels

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Job No.:
C1588

Title: Validation Sampling Locations

Scale:
NTS

Date Drawn:
January 2014

Drawing No.:
R1588/Validation Report 3



Photo 1: Hayes HPH5 was landscaped with an area of hard core fill



Photo 2: Topsoil and concrete were removed and segregated for off site reuse / recycling

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 C1588

Title: Photo Log

Date: January 2014



Photo 3: Non-hazardous and inert materials were segregated



Photo 4: Hazardous soils were excavated and sent for off site disposal

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Photo 5: A piling mat was installed using inert fill material from the site



Photo 6: Areas of odorous gravels were encountered (SP17 shown here)

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Photo 7: A large below ground oil storage tank was encountered on site and removed

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