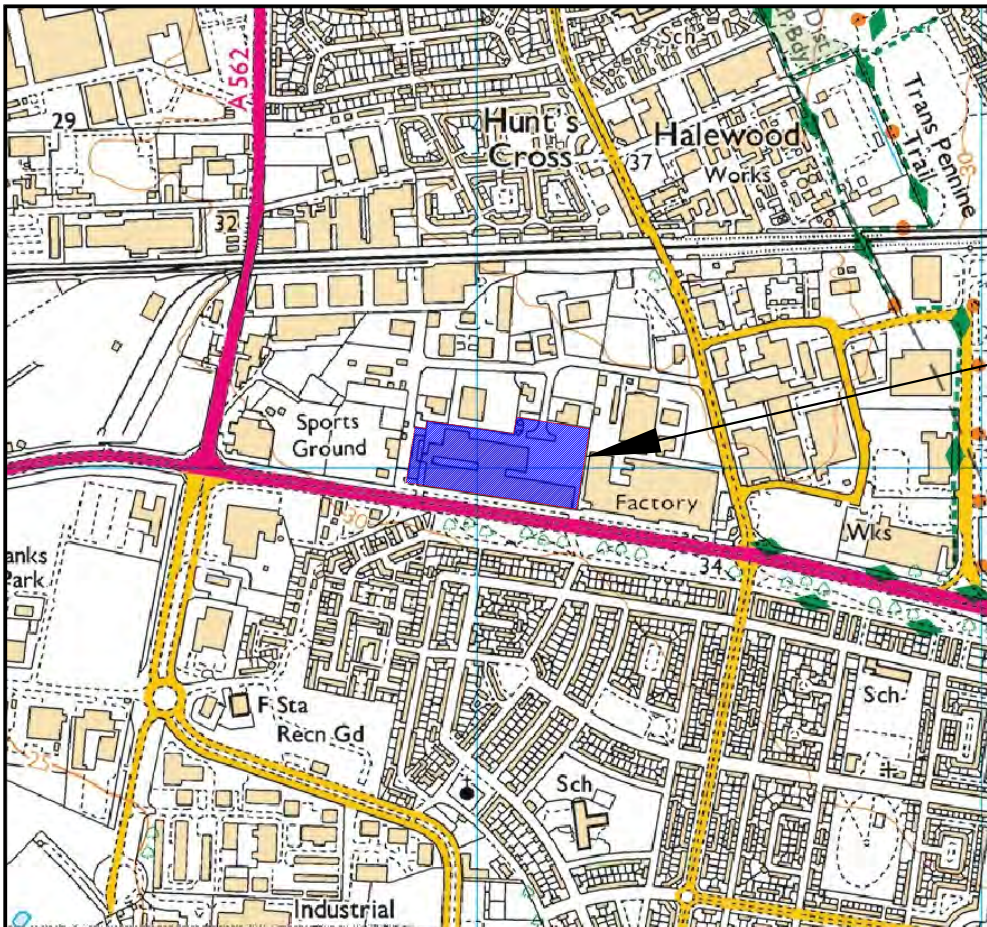




THE SITE

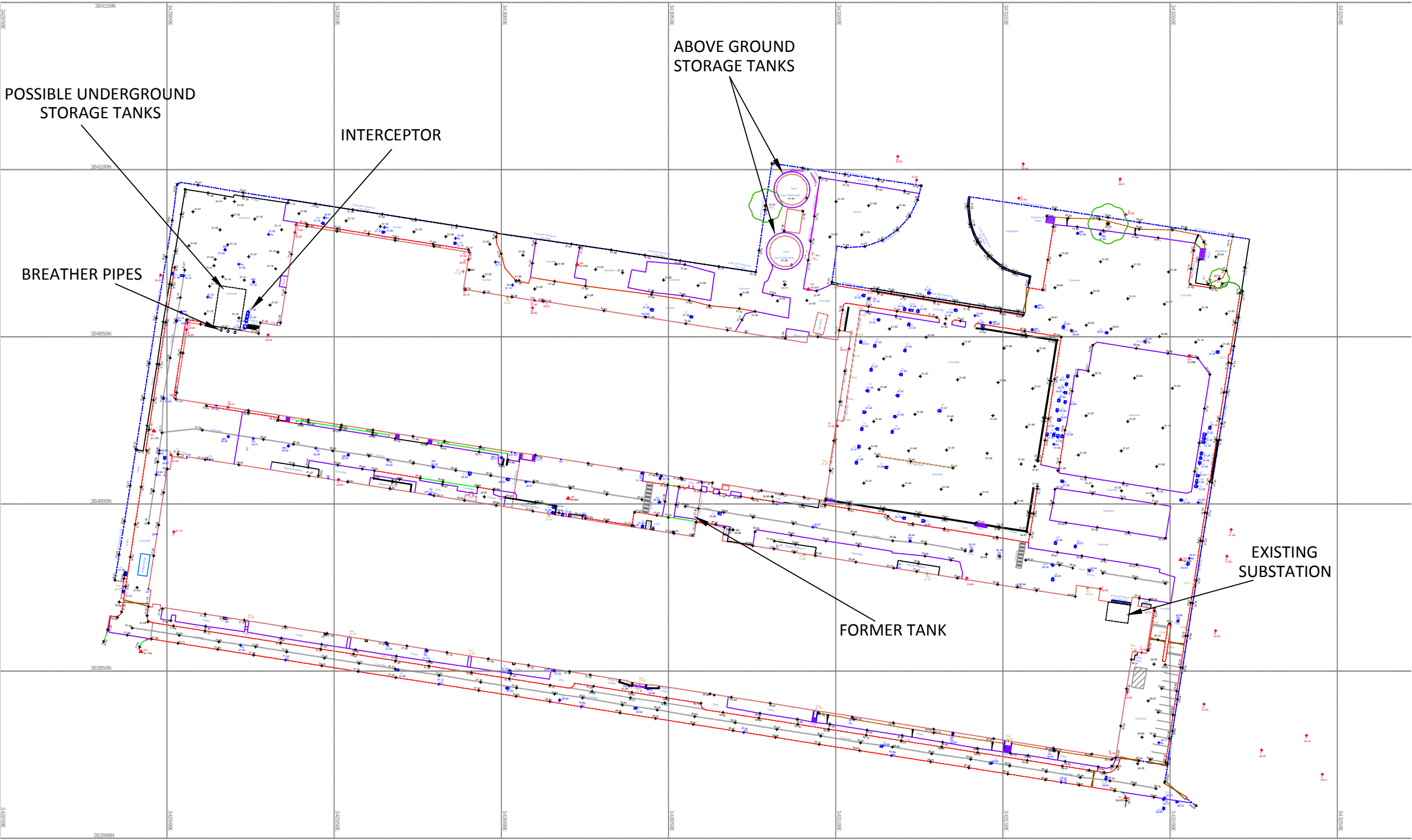


THE SITE

Rev	Date	Description	By	Chk
Architect:				
Hydrock Consultants Ltd 3 Hawthorn Park Hawthorn Road Spratton, Northampton NN6 8JZ T +44 (0)1604 842888 www.hydrock.com				
Client:				
TJ MORRIS				
Project Title:				
RAYWARE, LIVERPOOL				
Drawing Title:				
Site Location Plan				
Drawing Status:				
FINAL				
Hydrock Job No:				
C151811				
Drawn	Checked	Scale @ A4	Date	Issue Date
SD	AB	See Drawing	28/01/16	28/01/16
Drawing Number:				Revision:
151811/D001				-



- Notes:
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
 3. Based on Topographical Survey No: 22815_T_Rev 0 by Greenhatch Group dated: 14/12/2015.

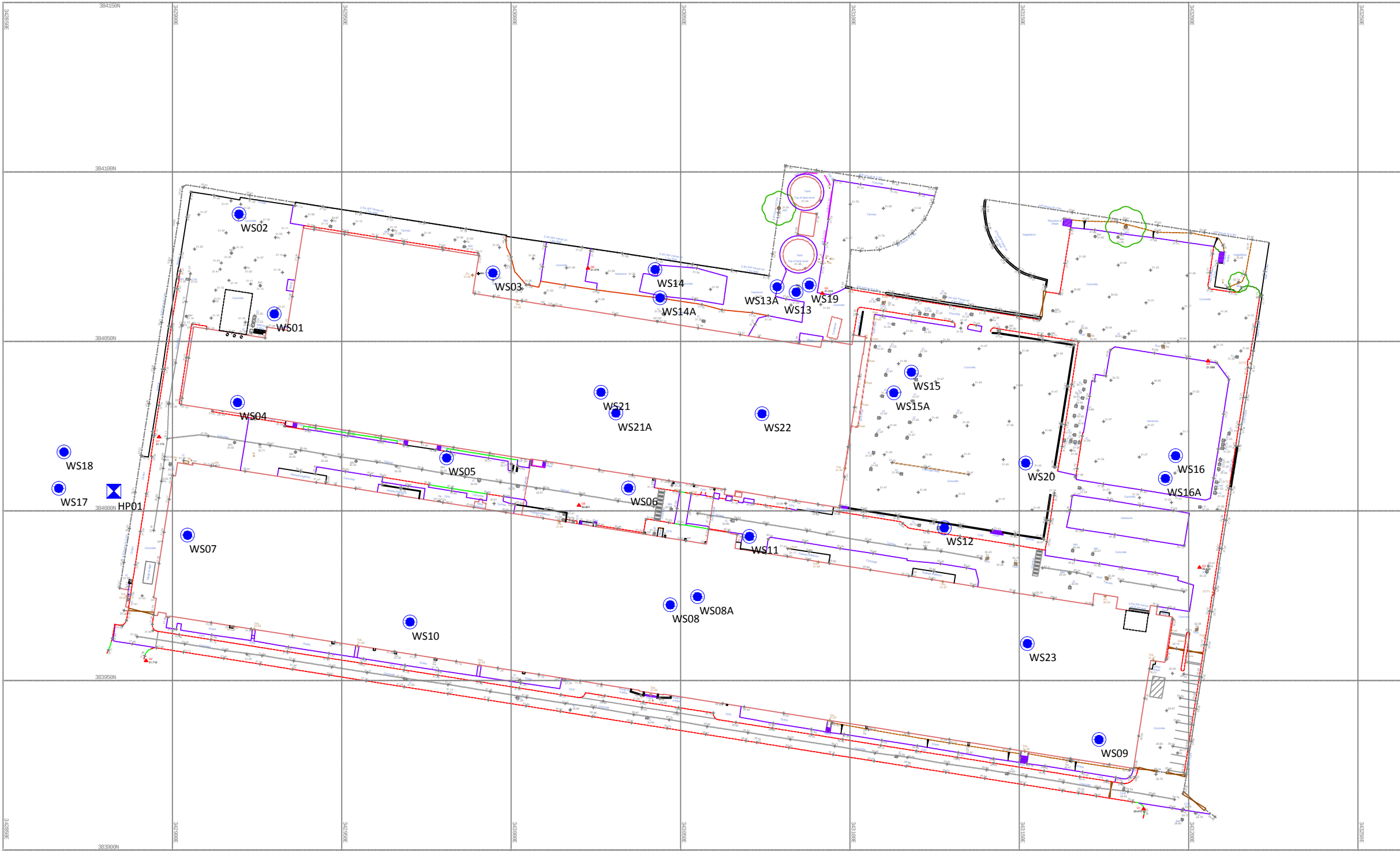


Rev	Date	Description	By	Ckd
Architect :				
Hydrock Hydrock Consultants Ltd 3 Hawthorn Park Holdenby Road Sparton, Northampton NN6 8LD T +44 (0)1604 842888 northampton@hydrock.com www.hydrock.com				
Client :				
TJ MORRIS				
Project Title:				
RAYWARE, LIVERPOOL				
Drawing Title:				
Site Features Plan				
Drawing Status:				
INFORMATION				
Hydrock Job No:				
C/151811				
Drawn	Checked	Scale @ A3	Date	Issue Date
SD	AB	1:1250	12/01/16	12/01/16
Drawing Number:				Revision:
151811/D002				-

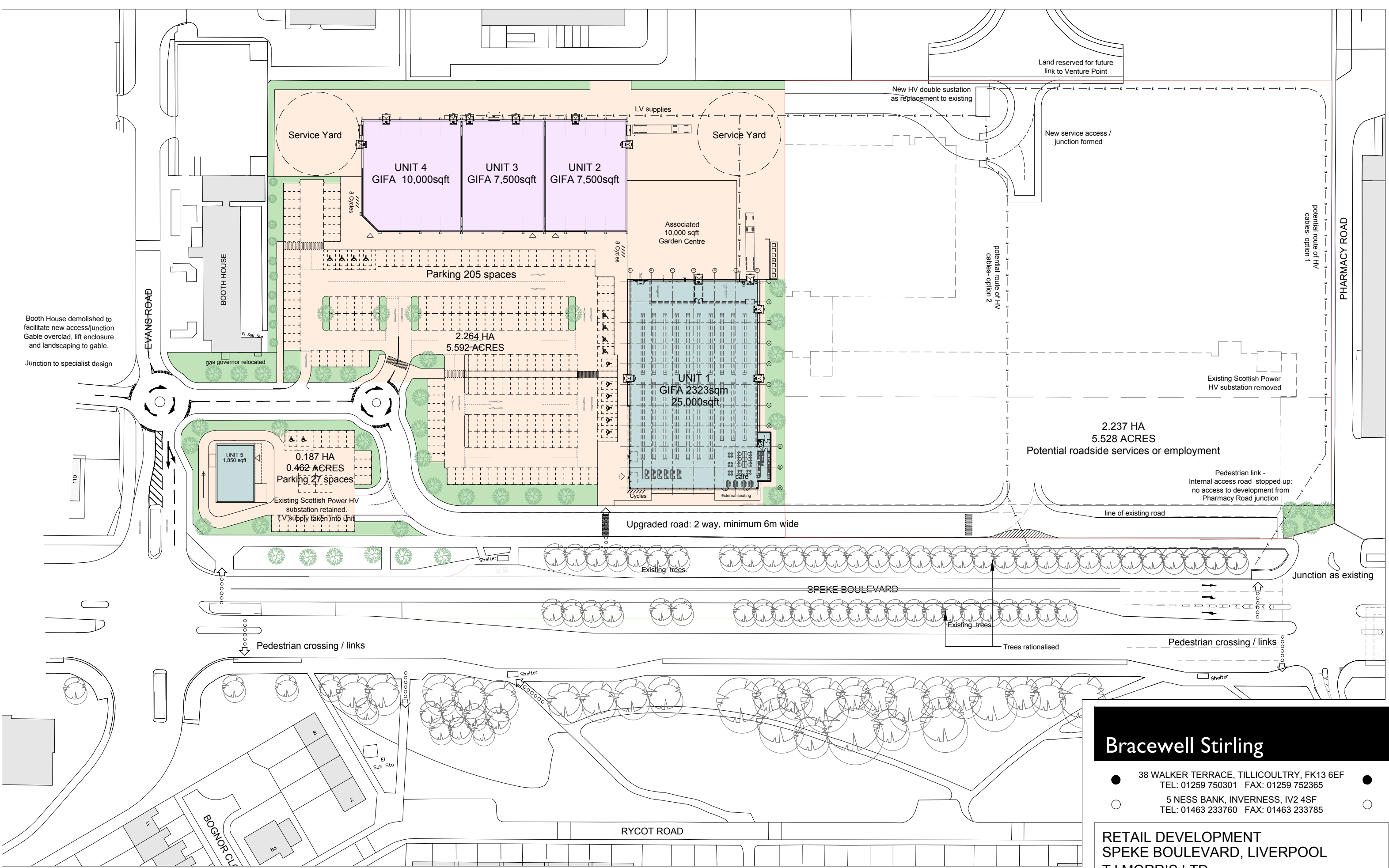


- Notes:**
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 2. This drawing is to be read in conjunction with all relevant Engineers' and Service Engineers' drawings and specifications.
 3. Based on Topographical Survey No: 22815_T_Rev 0 by Greenhatch Group dated: 14/12/2015.

- Legend**
- WSXX WINDOWLESS SAMPLER BOREHOLE
 - TPXX HAND DUG INSPECTION PIT



Rev	Date	Description	By	Ckd
Architect :				
Hydrock Hydrock Consultants Ltd 3 Hawthorn Park Holdenby Road Spratton, Northampton NN16 8LD T +44 (0)1604 842888 northampton@hydrock.com www.hydrock.com				
Client : TJ MORRIS				
Project Title: RAYWARE, LIVERPOOL				
Drawing Title: Exploratory Hole Location Plan				
Drawing Status: INFORMATION				
Hydrock Job No: C/151811				
Drawn SD	Checked AB	Scale @ A3 1:1250	Date 12/01/16	Issue Date 12/01/16
Drawing Number: 151811/D003				Revision: -



MASTERPLAN 1:1000 @ A3

TOTAL SITE AREA:
4.501HA
11.12 ACRES.

Bracewell Stirling

38 WALKER TERRACE, TILlicOUNTRY, FK13 6EF
TEL: 01259 750301 FAX: 01259 752365
5 NESS BANK, INVERNESS, IV2 4SF
TEL: 01463 233760 FAX: 01463 233785

RETAIL DEVELOPMENT
SPEKE BOULEVARD, LIVERPOOL
TJ MORRIS LTD

PROPOSED MASTERPLAN

SCALE	1:1000	DATE	2015/11/12	BY	jpc
			PLANNING		DWG SIZE A3
DWG NO	4098 / AL(0)100				REV P4

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Appendix B

Site Walkover Photographs



Figure 1: Interceptor drain and possible tank stand in west of site.



Figure 2: 3 x breaker pipes potentially from underground tanks in west of site.



Figure 3: Area behind Booth House.



Figure 4: Inside building looking west.



Figure 5: Service ditching.



Figure 6: Looking north between the buildings.



Figure 7: Plant room noted in eastern section of northern building.



Figure 8: Inside building.



Figure 9: Chemical store room in west of site.



Figure 10: Road along southern boundary.



Figure 11: Collapsed drain in access road to south of buildings.



Figure 12: Outdoor car storage in east of site.



Figure13: Inside building.

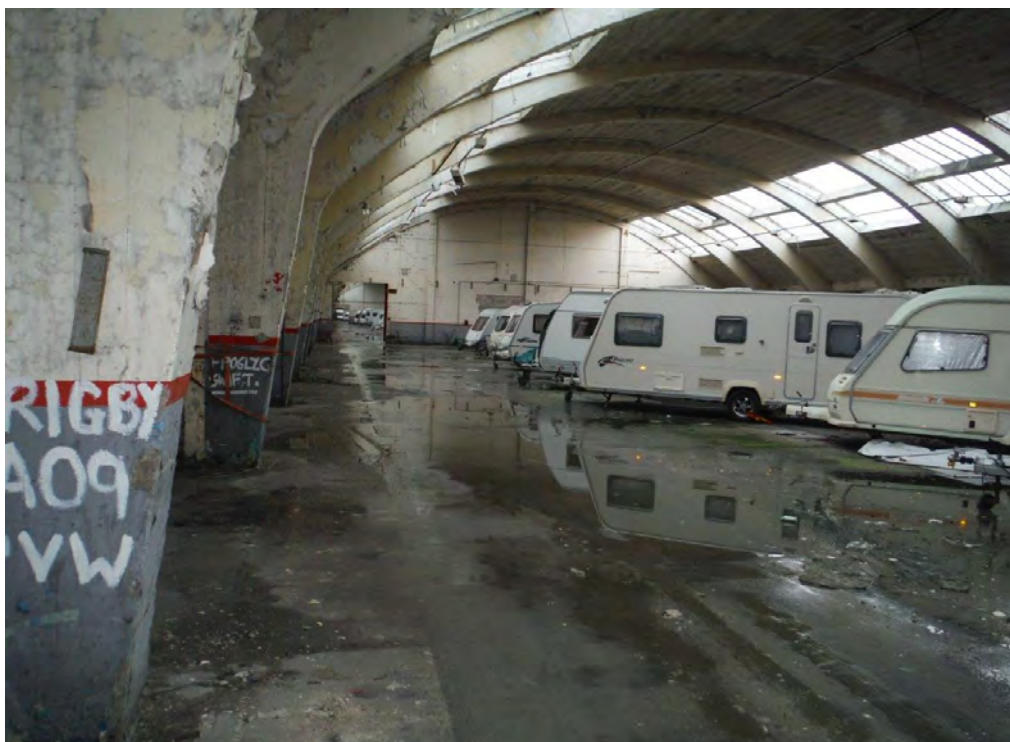


Figure14: Inside caravan storage building.



Figure 15: Service duct.



Figure 16: Service duct.



Figure 17: Service duct.



Figure 18: Large tanks to the north of the site.

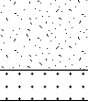


Appendix C

Exploratory Hole Logs and Photographs

 www.hydrock.com Hand Dug Pit Trial Pit No: HDP01 Sheet 1 of 1					
Project Name: Former Rayware Site					
Dimensions: 0.60m x 0.60m					
Hole Type: HP					
Location: Speke Boulevard, Liverpool				Project No: C151811	
Co-ords: 342883E, 384006N				Scale: 1:10	
Ground Level: 32.21m OD				Plant Used: Hand excavated	
Client: TJ Morris					
Date(s): 02/12/15					
Stratum Description					
Dark grey CONCRETE SLAB (MADE GROUND)					
Soft to firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to coarse of sandstone and quartz. (MADE GROUND)					
Extremely weak orange brown fine to medium SANDSTONE recovered as orange brown silty fine to medium sand. (SHERWOOD SANDSTONE)					
End of Trial Pit at 1.20m					
Remarks: 1) Hand dug pit from ground level to 1.20m.					
Stability: Unstable from 0.80m to 1.20m.					
Groundwater: None encountered					
Logged: ASH Checked: AB					

Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS01 Sheet 1 of 1	
Project Name: Former Rayware Site							Co-ords: 342930E, 384058N		Hole Type: WLS	
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 31.21m OD		Scale: 1:25	
Client: TJ Morris							Date(s): 30/11/15		Hole Diameter: 300mm	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.50 0.50	D ES		0.20 0.50	31.01 30.71	 	Grey CONCRETE with 10mm rebar at 160mm bgl. (MADE GROUND)		
								Extremely weak red brown fine to medium SANDSTONE recovered as red brown silty sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE)		
								End of Borehole at 0.50m		
								1.0		
								2.0		
								3.0		
								4.0		
								5.0		
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.50m. 3) Terminated due to encountering rock. 4) Backfilled with arisings.							B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample	
Groundwater:		No groundwater encountered							Logged: ASH Checked: AB	

 www.hydrock.com Windowless Sampler Borehole No. WS02 Sheet 1 of 1									
Project Name: Former Rayware Site									
Co-ords: 342920E, 384088N									
Hole Type: WLS									
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 31.25m OD			
Client: TJ Morris				Date(s): 30/11/15		Scale: 1:25			
Hole Diameter: 300mm									
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.25	D ES		0.25	31.00		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)	
		0.25			0.35	30.90		Extremely weak red brown fine to medium SANDSTONE recovered as red brown silty sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE) End of Borehole at 0.35m	
1.0 2.0 3.0 4.0 5.0									
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.35m. 3) Terminated due to encountering rock. 4) Backfilled with arisings.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample	
Groundwater:		No groundwater encountered						Logged: ASH Checked: AB	

Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS03 Sheet 1 of 1		
Project Name: Former Rayware Site							Co-ords: 342995E, 384070N		Hole Type: WLS		
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 31.20m OD		Scale: 1:25		
Client: TJ Morris							Date(s): 30/11/15		Hole Diameter: 300mm		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.30-0.50	B	N=30 (2,3/8,7,7,8)	0.30	30.90		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)			
		0.30-0.50	D						Black brown silty very gravelly fine to coarse SAND. Gravel is angular fine to coarse of as (MADE GROUND)		
		0.30-0.50	ES								
		0.80-1.00	D			0.80	30.40		Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)		
		1.20	SPT								
		1.20-1.70	D		1.65	29.55		Extremely weak red brown fine to medium SANDSTONE recovered as red brown silty sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE) End of Borehole at 1.70m			
				1.70	29.50						
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 1.70m. 4) 50mm gas and groundwater stand pipe installed with response zone from 1.00m to 1.70m.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample			
Groundwater:		No groundwater encountered						Logged: ASH		Checked: AB	

Project Name: Former Rayware Site

Co-ords: 342919E, 384032N

Hole Type:
WLS

Location: Speke Boulevard, Liverpool

Project No:
C151811

Ground Level: 31.45m OD

Scale:
1:25

Client: TJ Morris

Date(s): 30/11/15

Hole Diameter:
300mm

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.25 0.25	D ES		0.25 0.35 0.40	31.20 31.10 31.05	  	Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND) Firm dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL) Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE) End of Borehole at 0.40m
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.40m. 3) Terminated due to encountering rock. 4) Backfilled with arisings.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample
Groundwater:		No groundwater encountered						Logged: ASH Checked: AB

Windowless Sampler

WS05

Sheet 1 of 1

Project Name: Former Rayware Site

Co-ords: 342981E, 384016N

Hole Type:
WLS

Location: Speke Boulevard, Liverpool

Project No:
C151811

Ground Level: 30.50m OD

Scale:
1:25

Client: TJ Morris

Date(s): 30/11/15

Hole Diameter:
300mm

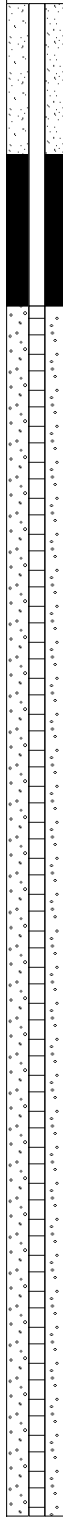
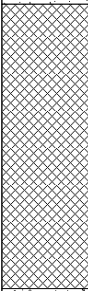
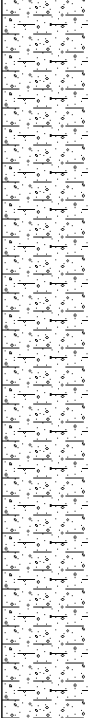
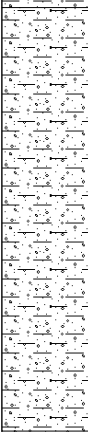
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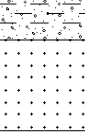
 www.hydrock.com Windowless Sampler Borehole No. WS06 Sheet 1 of 1									
Project Name: Former Rayware Site									
Co-ords: 343035E, 384007N									
Hole Type: WLS									
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 30.95m OD			
Client: TJ Morris				Date(s): 30/11/15		Scale: 1:25			
Hole Diameter: 300mm									
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.25	B D ES		0.25	30.70		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)	
		0.25						Grey sandy angular fine to coarse GRAVEL of brick and sandstone. (MADE GROUND)	
		0.25						Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE)	
					0.85 0.90	30.10 30.05		End of Borehole at 0.90m	
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.90m. 3) Terminated due to encountering rock. 4) Backfilled with arisings.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample	
Groundwater:		No groundwater encountered						Logged: ASH Checked: AB	

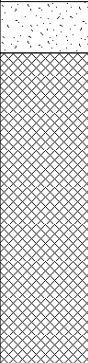
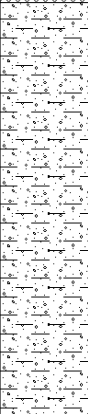
 www.hydrock.com Windowless Sampler Borehole No. WS07 Sheet 1 of 1									
Project Name: Former Rayware Site									
Co-ords: 342904E, 383993N									
Hole Type: WLS									
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 31.45m OD			
Client: TJ Morris				Date(s): 30/11/15		Scale: 1:25			
Hole Diameter: 300mm									
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.25	B		0.25	31.20		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)	
		0.50	ES					Medium dense red very gravelly silty fine to coarse SAND. Gravel is angular to subangular fine to coarse of sandstone and brick. (MADE GROUND)	
		1.20	SPT	N=19 (1,2/2,4,4,9)	1.95 2.00	29.50 29.45		Grey CONCRETE. (MADE GROUND)	
		End of Borehole at 2.00m							
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 2.00m. 4) Terminated due to encountering concrete rock. 5) Backfilled with arisings.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample	
Groundwater:		No groundwater encountered						Logged: ASH Checked: AB	

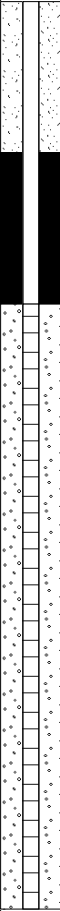
 www.hydrock.com Windowless Sampler Borehole No. WS08 Sheet 1 of 1									
Project Name: Former Rayware Site									
Co-ords: 343047E, 383972N									
Hole Type: WLS									
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 31.47m OD			
Client: TJ Morris				Date(s): 30/11/15		Scale: 1:25			
Hole Diameter: 300mm									
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.55	30.92		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)	
					0.65	30.82		Red brown BRICK (MADE GROUND)	
End of Borehole at 0.60m									
1.0									
2.0									
3.0									
4.0									
5.0									
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.60m. 3) Terminated due to encountering concrete. 4) Backfilled with arisings.							
Groundwater:		No groundwater encountered							
Logged:		ASH		Checked:		AB			

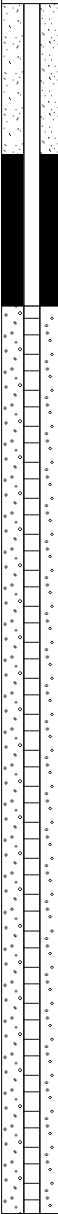
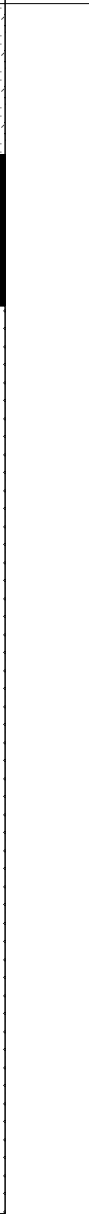
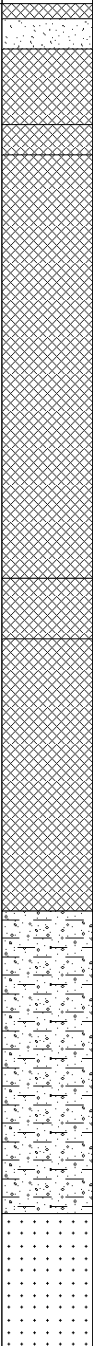
Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS08A Sheet 1 of 1	
Project Name: Former Rayware Site							Co-ords: 343055E, 383975N		Hole Type: WLS	
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 31.47m OD		Scale: 1:25	
Client: TJ Morris							Date(s): 30/11/15		Hole Diameter: 300mm	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	31.17		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)		
								Red brown BRICK (MADE GROUND) ... At 0.30m Plastic		
								End of Borehole at 0.60m		
					0.60	30.87				
									1.0	
									2.0	
									3.0	
									4.0	
									5.0	
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 0.60m. 3) Terminated due to encountering concrete. 4) Backfilled with arisings.							B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample	
Groundwater:		No groundwater encountered							Logged: ASH Checked: AB	

Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS09 Sheet 1 of 2			
Project Name: Former Rayware Site							Co-ords: 343174E, 383933N		Hole Type: WLS			
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 31.36m OD		Scale: 1:25			
Client: TJ Morris							Date(s): 01/12/15		Hole Diameter: 300mm			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description				
		Depth (m)	Type	Results								
					0.26	31.10		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)			1.0	
		0.50 0.50 0.50-0.70	D ES B					Firm red brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of sandstone and brick. (MADE GROUND)				
		1.20 1.20 1.20	B ES SPT	N=4 (0,1/0,1,0,3)	1.20	30.16		Very soft to soft dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)			2.0	
		2.00 2.00	ES SPT	N=7 (1,2/1,2,1,3)			...Below 2.00m Soft to firm					
		2.00-2.60	D									
		3.00	SPT	N=9 (1,2/2,2,2,3)			...Below 3.00m Firm					
		3.00-3.60	D									3.0
		3.60-4.00	D		3.60	27.76		Firm to stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)				
		4.00	SPT	N=14 (2,3/3,4,3,4)								
		4.60-5.00	D									
		5.00	SPT	N≥50 (8,8/12,13,29,41)			Continued on Next Sheet			5.0		
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 5.45m. 4) 50mm gas and groundwater stand pipe installed with response zone from 1.00m to 5.00m.							B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample			
Groundwater:		At 4.00m Slight seepage.							Logged:	ASH	Checked:	AB

Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS09 Sheet 2 of 2		
Project Name: Former Rayware Site							Co-ords: 343174E, 383933N		Hole Type: WLS		
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 31.36m OD		Scale: 1:25		
Client: TJ Morris							Date(s): 01/12/15		Hole Diameter: 300mm		
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					5.15	26.21		Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE) End of Borehole at 5.45m			
					5.45	25.91					
									6.0		
									7.0		
									8.0		
									9.0		
									10.0		
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 5.45m. 4) 50mm gas and groundwater stand pipe installed with response zone from 1.00m to 5.00m.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample			
Groundwater:		At 4.00m Slight seepage.						Logged: ASH		Checked: AB	

Hydrock  www.hydrock.com						Windowless Sampler		Borehole No. WS10 Sheet 1 of 1	
Project Name: Former Rayware Site						Co-ords: 342970E, 383967N		Hole Type: WLS	
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 31.44m OD		Scale: 1:25	
Client: TJ Morris						Date(s): 01/12/15		Hole Diameter: 300mm	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.25-0.50	B		0.17	31.27		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)	
		0.25-0.50	D					Soft to firm red brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of sandstone and brick. (MADE GROUND)	
		0.25-0.50	ES						
		1.20	SPT	N=21 (2,2/5,7,4,5)	1.20	30.24		Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)	
		1.20-1.50	B						
		1.50	D						
		1.60	D						
		2.00	SPT	N≥50 (3,4/6,15,15,16)	2.60	28.84		Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE)	
		2.00-2.60	D						
		2.70	SPT	N≥50 (50 for 25mm/0 for 0mm)	2.70	28.74		End of Borehole at 2.70m	
		Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 2.70m. 4) Backfilled with arisings.					
Groundwater:		No groundwater encountered						Logged: ASH Checked: AB	

 www.hydrock.com Windowless Sampler Borehole No. WS11 Sheet 1 of 1											
Project Name: Former Rayware Site											
Co-ords: 343070E, 383993N											
Hole Type: WLS											
Location: Speke Boulevard, Liverpool				Project No: C151811		Ground Level: 30.98m OD					
Client: TJ Morris				Date(s): 01/12/15		Scale: 1:25					
Hole Diameter: 300mm											
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.20	30.78		Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND)			
								Red BRICK (MADE GROUND)			
	0.40-0.45	ES		0.40	30.58		Black very gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick and sandstone. Some ash noted. (MADE GROUND)				
	0.50-0.70	B		0.45	30.53						
	0.50-0.70	D									
	0.50-0.70	ES									
	0.70-1.00	B		0.70	30.28						
	0.70-1.00	D					Firm red brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of sandstone and brick. (MADE GROUND)				
	0.70-1.00	ES									
1.20	SPT	N=35 (4,4/5,7,9,14)						Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)			
1.60-2.00	D										
2.00	SPT	N=43 (8,7/7,8,13,15)									
2.70-3.00	D		2.70	28.28		Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE)					
3.00	SPT	N≥50 (14,14/50 for 10mm)	3.00	27.98							
					End of Borehole at 3.00m						
Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 3.00m. 4) 50mm gas and groundwater stand pipe installed.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample			
Groundwater:		No groundwater encountered						Logged:	ASH	Checked:	AB

Hydrock www.hydrock.com							Windowless Sampler		Borehole No. WS12 Sheet 1 of 1			
Project Name: Former Rayware Site							Co-ords: 343128E, 383995N		Hole Type: WLS			
Location: Speke Boulevard, Liverpool					Project No: C151811		Ground Level: 30.65m OD		Scale: 1:25			
Client: TJ Morris							Date(s): 01/12/15		Hole Diameter: 300mm			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.20-0.40	ES		0.05 0.15	30.60 30.50		Black ASPHALT. (MADE GROUND) Grey CONCRETE with 10mm rebar at 160mm bgl, and 20mm rebar at 230mm bgl. (MADE GROUND) Black very gravelly fine to coarse SAND. Gravel is angular fine to coarse of brick and sandstone. Some ash noted. (MADE GROUND) Red BRICK (MADE GROUND) Red brown silty very gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick and sandstone. (MADE GROUND)				
		0.50-1.20	D		0.40	30.25						
		0.50-1.20	ES		0.50	30.15						
		1.20	SPT	N=13 (1,2/4,3,3,3)								
		1.50	D									
		1.50	ES						Grey silty fine to medium SAND. (MADE GROUND)			
		2.00	SPT	N=1 (1,2/1,0,0,0)	1.90	28.75						
		2.10-3.00	B		2.10	28.55	Firm red brown slightly gravelly sandy CLAY. Gravel is angular fine to coarse of sandstone and brick. (MADE GROUND)					
		2.10-3.00	ES									
		3.00	SPT	N=14 (2,3/3,4,4,3)	3.00	27.65	Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to rounded fine to coarse of sandstone. (GLACIAL TILL)					
		3.50	D									
		4.00	SPT	N≥50 (13,13/81 for 90mm)	4.00	26.65	Extremely weak red brown fine to medium SANDSTONE recovered as red brown silt sandy angular fine to coarse gravel of sandstone. (SHERWOOD SANDSTONE)					
					4.45	26.20						
		End of Borehole at 4.45m										
		Remarks:		1) Concrete cored from ground level. 2) Inspection pit from base of concrete to depth of 1.20m. 3) Windowless sampled from 1.20m to 4.45m. 4) 50mm gas and groundwater stand pipe installed.						B = Bulk Sample D = Disturbed Sample U = Undisturbed Sample UT = Undisturbed Sample (Thin Wall) ES = Environmental Sample W = Water Sample PID = Photoionization Detector (ppm) SPT = Standard Penetration Test AB = Asbestos Bulk Sample		
		Groundwater:		At 3.50m Slight seepage.						Logged:	ASH	Checked: