PROPERTY ASSURANCE
Giving our all

SITE INVESTIGATION
FACTUAL REPORT

Report No:	287264
Client:	Cunningham Lindsey - Maidstone
Site:	54 Compayne Gardens, London
Client Ref:	6095485-[redacted]
Date of Visit:	20/10/2015

ISO 9001 REGISTERED FIRM | ISO 14001 REGISTERED FIRM | OHSAS 18001 REGISTERED FIRM | Link-up Qualified via Audit | SAFEcontractor APPROVED | CHAS Accredited Contractor | constructionline

Unit E2 First Floor Suite, Boundary Court
Willow Farm Business Park, Castle Donington
Leicestershire, DE74 2NN

☎ 0843 2272362
✉ enquiries@cet-uk.com
💻 www.cet-uk.com

Investigation Layout Plan

Sheet: 1 of 1

Job No: 287264

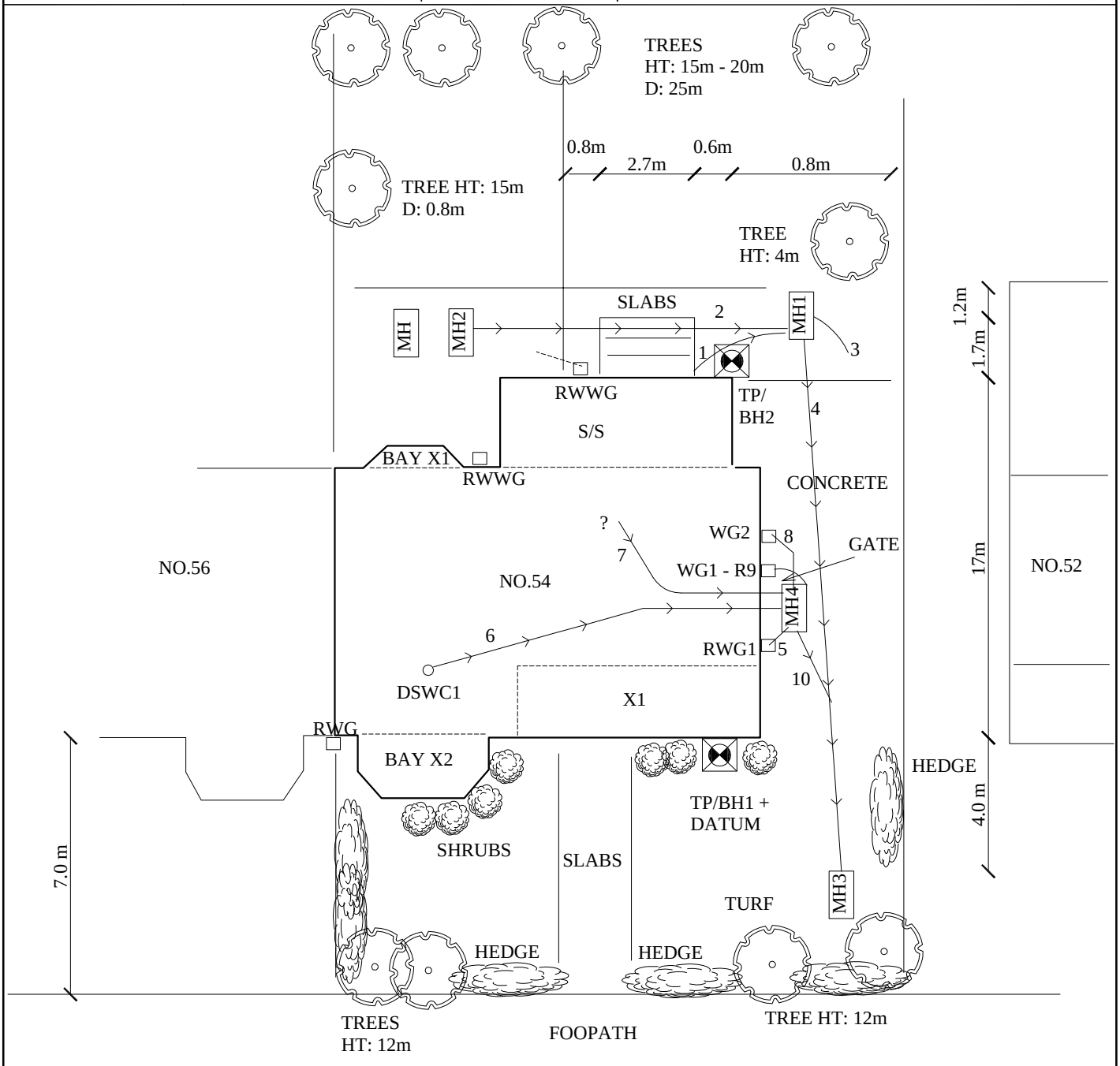
Date: 20/10/2015

Site: 54 Compayne Gardens, London NW6

Work carried out for: Cunningham Lindsey

MH	MD/SA	AR
(SI)	(Checked)	(Drawn)

Weather: DRY



COMPAYNE GARDENS

ON SITE TREE IDENTIFICATION FOR GUIDANCE ONLY. NOT AUTHENTICATED.

Remarks:

Scale: N.T.S.

Key:

Combined Gulley	RWWG
Manhole	MH
Rain Water Pipe	RWP
Rain Water Gulley	RWG
Soil Vent Pipe	SVP
Waste Gulley	WG
Waste Pipe	WP

Surface Water Drain

Foul Water Drain

Tree / Bush (approx. ht in m)

Trial Pit

Borehole

O/D - Open Discharge

Trial Pit No: 1

Sheet: 1 of 1

Job No: 287264

Date: 20.10.15

Site: 54 Compayne Gardens

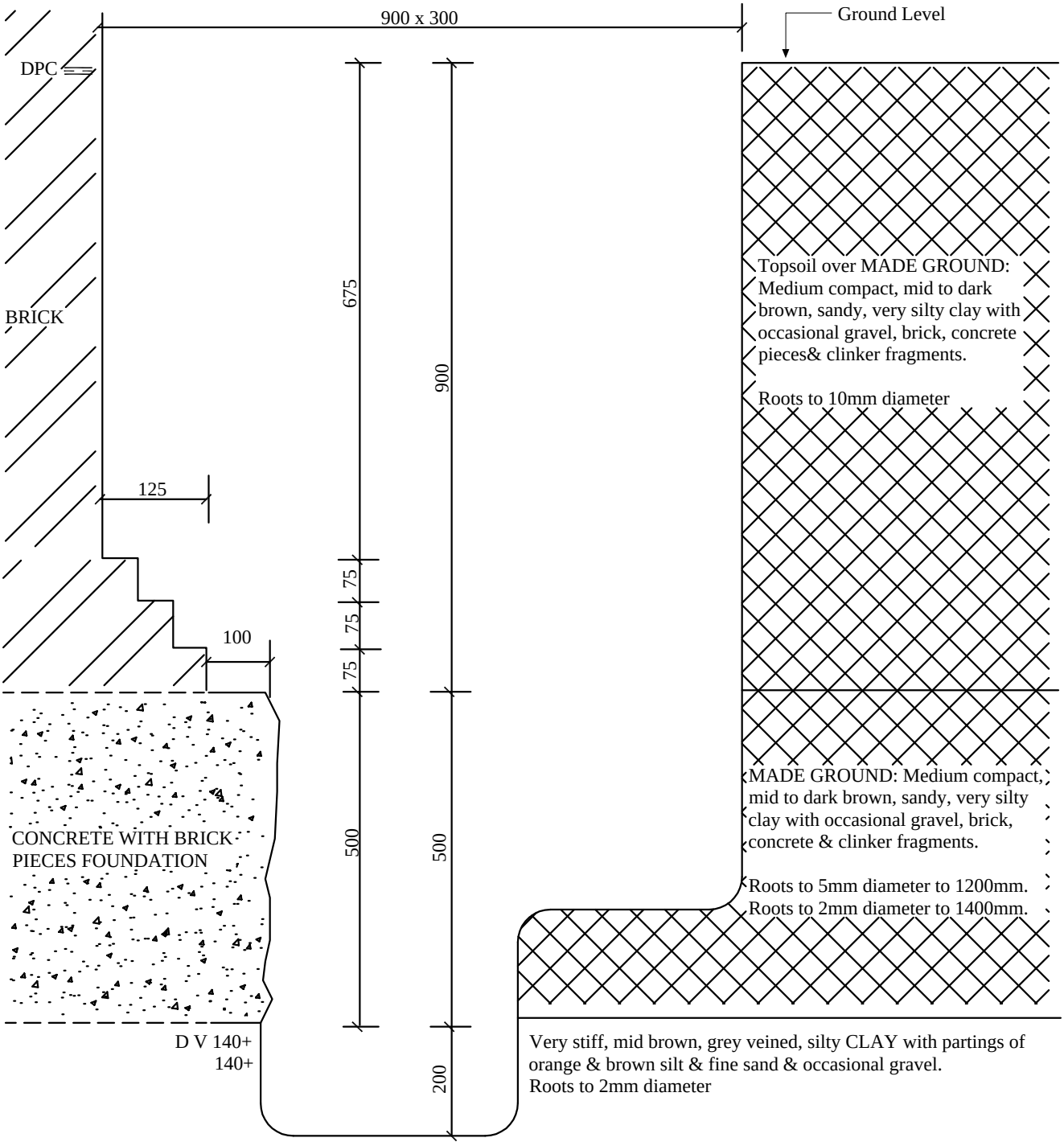
Work carried out for: Cunningham Lindsey

Excavation Method: Hand Tools

Drawn by: DVC

Weather: DRY

Ground Level mOD:



FOR STRATA BELOW 1600mm SEE BH LOG 1

Remarks: All measurements in millimetres.
Trial Pit excavated to 1200mm then extended with the aid of a hand auger to 1600mm.

Key:

D	Small disturbed sample	J	Jar sample
B	Bulk disturbed sample	V	Pilcon Vane (kPa)
W	Water sample	M	Mackintosh probe
TDTD	Too dense to drive		

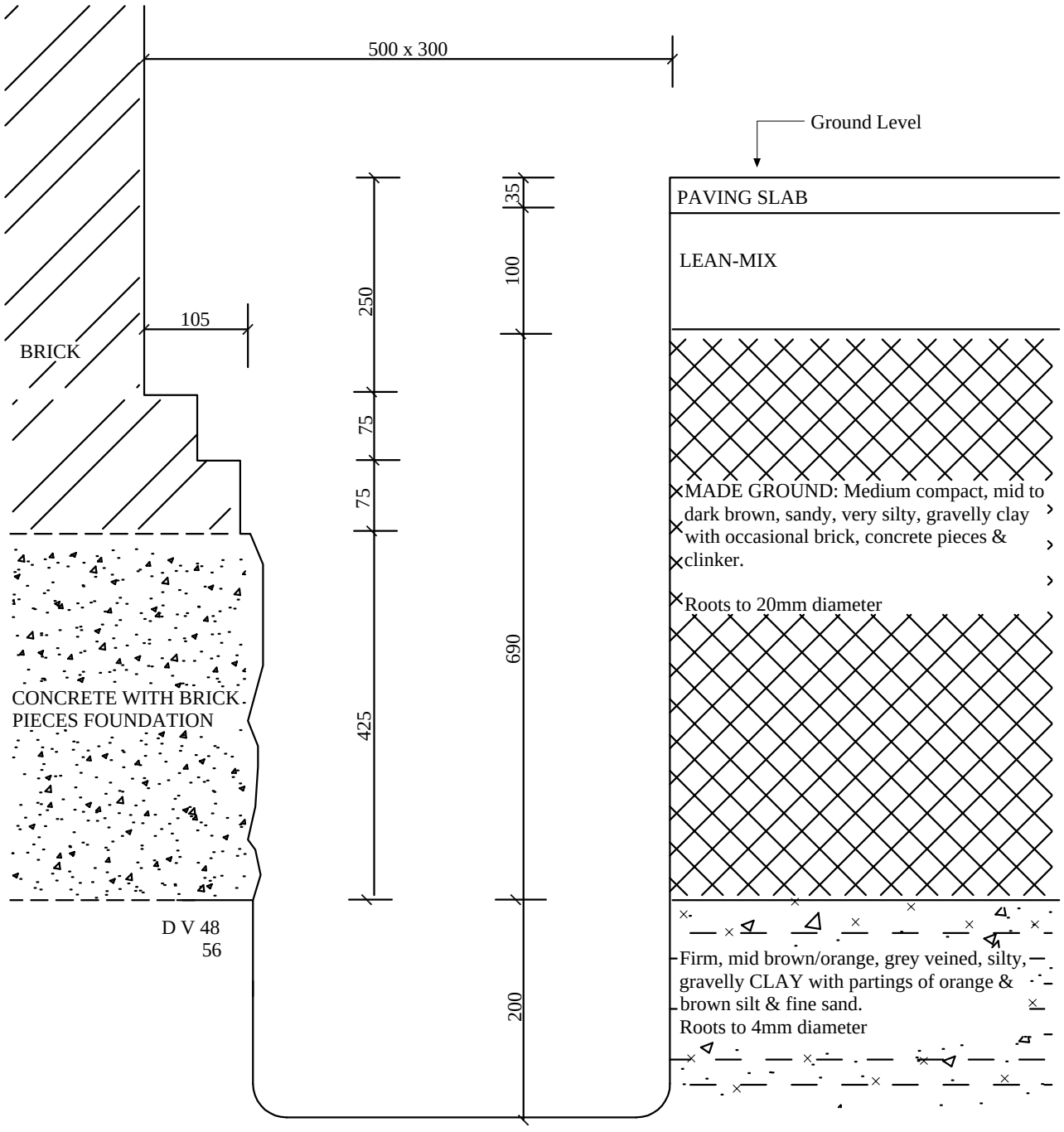
Logged: MH | Checked: SA | Approved: | Scale: N.T.S.

Trial Pit No: 2

Sheet: 1 of 1
Job No: 287264
Date: 20.10.15

Site: 54 Compayne Gardens
Work carried out for: Cunningham Lindsey

Excavation Method: Hand Tools
Weather: DRY
Drawn by: DVC
Ground Level mOD:



FOR STRATA BELOW 1025mm SEE BH LOG 2

Remarks: All measurements in millimetres.

Key:
- D Small disturbed sample
- B Bulk disturbed sample
- W Water sample
- TDTD Too dense to drive
- J Jar sample
- V Pilcon Vane (kPa)
- M Mackintosh probe

Logged: MH | Checked: SA | Approved: | Scale: N.T.S.

Borehole No: 1 & Datum		Sheet: 1 of 1							
		Job No: 287264	Site: 54 Compayne Gardens						
Boring Method: CFA		Date: 20.10.15							
Diameter: 100mm	Coordinates:	Ground Level mOD:	Work Carried out for: Cunningham Lindsey						

Depth (m)	Description of Strata	Thick-ness (m)	Legend	Sample	Test Type	Test Result	Depth (m)	Field Records/Comments	Depth to water (m)
	As Trial Pit 1	1.60							
1.60								Roots to 1mm diameter to 2.2m	
	Very stiff, fragmented, mid brown, grey veined, silty CLAY with partings of orange & brown silt & fine sand, occasional clay-stone nodules & crystals.	1.20		D	V	140+ 140+	2.00	Hair & fibrous roots to 2.5m	
				D			2.50	Dead & decomposing root fragments to 5m	
2.80									
	Very stiff, mid brown, grey veined, silty CLAY with partings of orange & brown silt & fine sand, occasional claystone nodules & crystals.	3.20		D	V	140+ 140+	3.00		
				D			3.50		
				D	V	140+ 140+	4.00		
				D			4.50		
				D	V	140+ 140+	5.00		
6.00									
	Borehole ends at 6m								

Remarks: Borehole dry and open on completion. Datum installed at 6m. No soil samples taken or insitu strength tests carried out below 5m

Key: T.D.T.D. Too Dense to Drive

D Small disturbed sample J Jar sample
B Bulk disturbed sample V Pilcon Vane (kPa)
W Water sample M Mackintosh Probe

Logged: MH	Checked: SA	Typed by: DVC	Scale: NTS	Weather: DRY

Borehole No: 2

Sheet: 1 of 1

Job No: 287264

Site: 54 Compayne Gardens

Boring Method: Hand Auger

Date: 20.10.15

Diameter: 75mm

Coordinates:

Ground Level mOD:

Work Carried out for: Cunningham Lindsey

Depth (m)	Description of Strata	Thick-ness (m)	Legend	Sample	Test Type	Test Result	Depth (m)	Field Records/Comments	Depth to water (m)
	As Trial Pit 2	1.025							
1.025								Roots to 3mm diameter to 1.4m	
	Firm, mid brown/orange, grey veined, silty gravelly CLAY with partings of orange &	0.075	__.x __o__ __						
1.10	brown silt & fine sand.								
	Very stiff, mid brown, grey veined, silty CLAY with partings of orange & brown	0.30	__.x __ __ o__						
1.40	silt & fine sand & occasional gravel.							Roots to 1mm diameter to 1.8m	
	Very stiff, mid brown, grey veined, silty CLAY with partings of orange & brown silt & fine sand, occasional claystone	0.40	__.x __ __ __	D	V	140+ 140+	1.50		
1.80	nodules & crystals.		__ __					Dead & decomposing root	
			__.x __ __ __	D	V	94 104	2.00	fragments to 5m	
	Stiff, as above	1.20	x __ __ __ __	D	V	114 118	2.50		
3.00			x __ __ __	D	V	140+	3.00		
			__.x __ __ __			140+			
			__ __	D	V	140+	3.50		
			x __ __ __ __			140+			
	Very stiff, mid brown, grey veined, silty CLAY with partings of orange & brown silt & fine sand, occasional claystone nodules & crystals.	2.00	__ __	D	V	140+	4.00		
			__x. __ __ __			140+			
			__x__	D	V	140+	4.50		
			__ __ __ __			140+			
5.00			__x.	D	V	140+	5.00		
	Borehole ends at 5m					140+			

Remarks:

Borehole dry and open on completion

Key: T.D.T.D. Too Dense to Drive

D Small disturbed sample J Jar sample

B Bulk disturbed sample V Pilcon Vane (kPa)

W Water sample M Mackintosh Probe

Logged: MH Checked: SA Typed by: DVC Scale: NTS Weather: DRY

Laboratory Summary Results

Our Ref : 287264

Location : 54, Compayne Gardens, London, NW6

Work carried out for: Cunningham Lindsey - Maidstone

Date Sampled: 20/10/2015

Date Received : 21/10/2015

Date Tested : 22/10/2015

Date of Report : 29/10/2015

Sample Ref TP/BH No	Sample Ref Depth (m)	Type	Moisture Content (%) *[1]*	Soil Fraction > 0.425mm (%) *[2]*	Liquid Limit (%) *[3]*	Plastic Limit (%) *[4]*	Plasticity Index (%) *[5]*	Liquidity * Index *[5]*	Modified * Plasticity Index (%) [6]	Soil * Class *[7]*	Filter Paper Contact Time (h)	Soil Sample Suction (kPa) [8]	Oedometer Strain *[9]*	Estimated Heave Potential (Dd) *(mm)[10]*	In situ * Shear Vane Strength (kPa) *[11]*	Organic * Content (%)*[12]*	pH * Value *[13]*	Sulphate Content * (g / l) SO_3 *[14]*	Sulphate Content * (g / l) SO_4 *[15]*	* Class *[16]*
1	U/S 1.40	D	23	<5	66	20	46	0.06	46	CH					> 140					
	2.0	D	23	<5	69	22	47	0.02	47	CH					> 140					
	2.5	D	23	<5																
	3.0	D	31	<5	72	26	46	0.10	46	CV					> 140					
	3.5	D	31	<5																
	4.0	D	32	<5	73	30	43	0.04	43	CV					> 140					
	4.5	D	32	<5																
	5.0	D	32	<5											> 140					

Test Methods / Notes

[1] BS 1377 : Part 2 : 1990, Test No 3.2

[2] Estimated if <5%, otherwise measured

[3] BS 1377 : Part 2 : 1990, Test No 4.4

[4] BS 1377 : Part 2 : 1990, Test No 5.3

[5] BS 1377 : Part 2 : 1990, Test No 5.4

[6] BRE Digest 240 : 1993

[7] BS 5930 : 1981 : Figure 31 - Plasticity Chart for the classification of fine soils

[8] In-house method S9a adapted from BRE IP 4/93

[9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test

[10] Estimated Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CET using a Pilcon hand vane or Geonor vane (GV).

[12] BS 1377 : Part 3 : 1990, Test No 4

[13] BS 1377 : Part 2 : 1990, Test No 9

[14] BS 1377 : Part 3 : 1990, Test No 5.6

[15] $SO_4 = 1.2 \times SO_3$

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005 Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluable magnesium testing is undertaken to prove otherwise.

* These tests are not UKAS accredited

Full reports can be provided upon request

Key

D	Disturbed sample (small)
B	Disturbed sample (bulk)
U	Undisturbed sample
W	Groundwater sample
ENP	Essentially Non-Plastic by inspection
U/S	Underside of Foundation

UKAS TESTING

8618

Version: 5BH V1.4 - 11/05/15

Our Ref : 287264

Laboratory Testing Results

Date Sampled : 20/10/2015

Location : 54, Compayne Gardens, London, NW6

Date Received : 21/10/2015

Work carried out for: Cunningham Lindsey - Maidstone

Date Tested : 22/10/2015

Date of Report : 29/10/2015

Sample Ref. TP/BH No.	Depth (m)	Type	Moisture Content (%) *[1]*	Soil Fraction > 0.425mm (%) *[2]*	Liquid Limit (%) *[3]*	Plastic Limit (%) *[4]*	Plasticity Index (%) *[5]*	Liquidity * Index *[5]*	Modified * Plasticity Index (%) [6]	Soil * Class *[7]*	Filter Paper Contact Time (h)	Soil Sample Suction (kPa) [8]	Oedometer Strain *[9]*	Estimated Heave Potential (Dd) *(mm)[10]*	In situ * Shear Vane Strength (kPa) *[11]*	Organic * Content (%)*[12]*	pH * Value *[13]*	Sulphate Content * (g / l) SO_3 *[14]*	Sulphate Content * (g / l) SO_4 *[15]*	* Class *[16]*
2	U/S 0.825	D	15	62	Insufficient sample for further testing										52					
	1.5	D	24	<5	70	23	47	0.03	47	CV					> 140					
	2.0	D	29	<5	72	27	45	0.05	45	CV					99					
	2.5	D	32	<5											116					
	3.0	D	32	<5	74	28	46	0.09	46	CV					> 140					
	3.5	D	31	<5											> 140					
	4.0	D	32	<5											> 140					
	4.5	D	33	<5											> 140					
	5.0	D	33	<5											> 140					

Test Methods / Notes

[1] BS 1377 : Part 2 : 1990, Test No 3.2

[2] Estimated if <5%, otherwise measured

[3] BS 1377 : Part 2 : 1990, Test No 4.4

[4] BS 1377 : Part 2 : 1990, Test No 5.3

[5] BS 1377 : Part 2 : 1990, Test No 5.4

[6] BRE Digest 240 : 1993

[7] BS 5930 : 1981 : Figure 31 - Plasticity Chart for the classification of fine soils

[8] In-house method S9a adapted from BRE IP 4/93

[9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test

[10] Estimated Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CET using a Pilcon hand vane or Geonor vane (GV).

[12] BS 1377 : Part 3 : 1990, Test No 4

[13] BS 1377 : Part 2 : 1990, Test No 9

[14] BS 1377 : Part 3 : 1990, Test No 5.6

[15] $SO_4 = 1.2 \times SO_3$

[16] BRE Special Digest One (Concrete in Aggressive Ground) August 2005

Note that if the SO4 content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluable magnesium testing is undertaken to prove otherwise.

* These tests are not UKAS accredited

Full reports can be provided upon request

Key

D	Disturbed sample (small)
B	Disturbed sample (bulk)
U	Undisturbed sample
W	Groundwater sample
ENP	Essentially Non-Plastic by inspection
U/S	Underside of Foundation

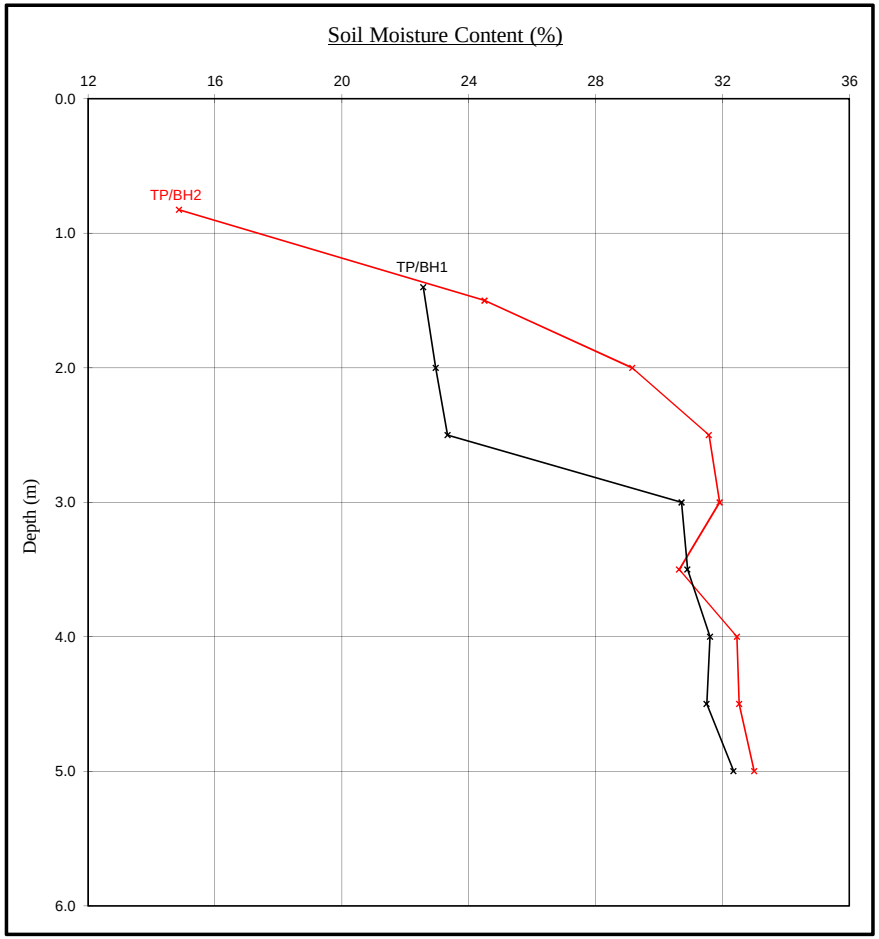
UKAS TESTING

8618

Version: 5BH V1.4 - 11/05/15

Moisture Content Profiles

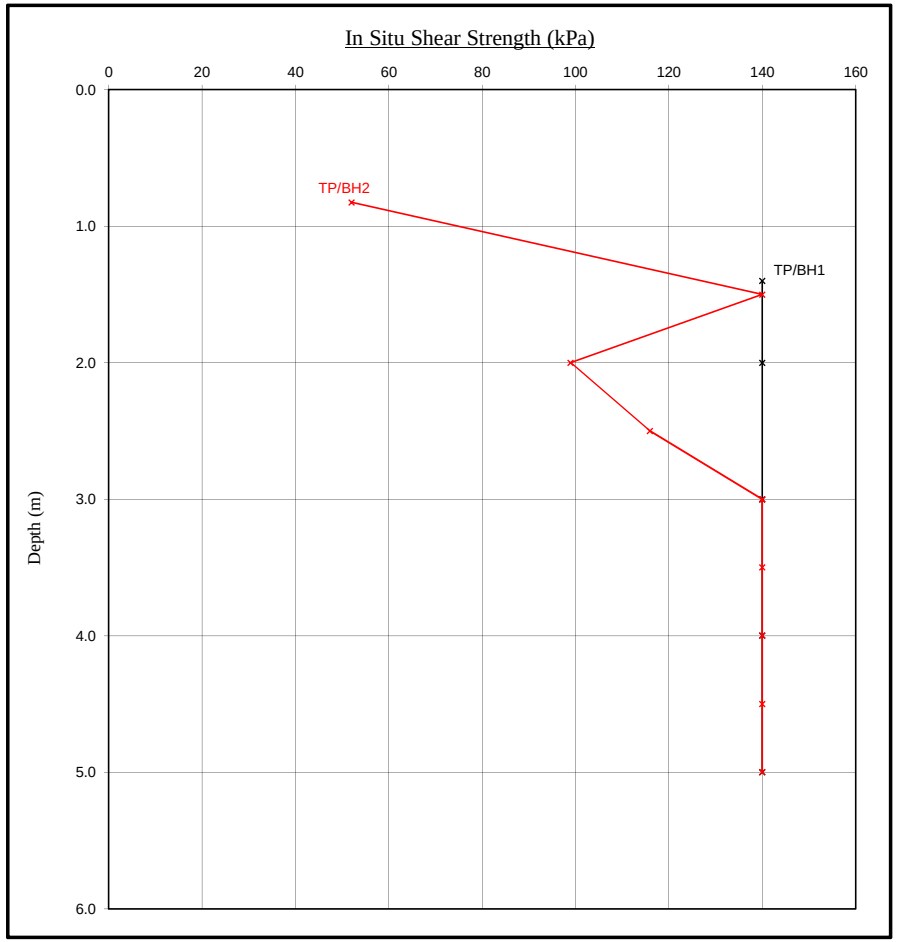
Our Ref : 287264
Location : 54, Compayne Gardens, London, NW6
Work carried out for: Cunningham Lindsey - Maidstone



Notes
1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
2. Unless specifically noted the profiles have not been related to a site datum.

Shear Strength Profiles

Date Sampled : 20/10/2015
Date Received : 21/10/2015
Date Tested : 22/10/2015
Date of Report : 29/10/2015



Note
1. Unless otherwise stated, values of Shear Strength were determined in situ by CET using a Pilcon Hand Vane the calibration of which is limited to a maximum reading of 140 kPa.
2. Unless specifically noted the profiles have not been related to a site datum.

EPSL ***European Plant Science Laboratory***	Sheet: 1 of 1 Job No: **287264** Date: **28/10/2015** Order No: **749760** EPSL Ref: **R12641**	Site: **54 Compayne Gardens, London,** Work carried out for: **Cunningham Lindsey**

Certificate of Analysis

The following work was commissioned by CET on behalf of their client. Root samples were obtained in sealed packets from the above site with no reference given as to the types of tree or shrub from which they may have originated.
The results were as follows -

Trial pit/ Borehole number	**Root diameter (mm)**	**Tree, shrub or climber from which root originates**	**Result of starch test**
TP1 (USF)	1.5 mm	Tilia spp. 5 roots	Positive
BH1 (1.6-2.5m)	1 mm	Tilia spp. 4 roots	Positive
TP2 (USF)	2 mm	Fraxinus spp. 3 roots	Positive
BH2 (1.025-1.8m)	2 mm	Fraxinus spp. 3 roots	Positive
BH2 (1.025-1.8m)	1 mm	Clematis spp.	Positive

Tilia spp. are limes.
Fraxinus spp. include common ash.
Clematis spp. are common flowering, garden climbers.

MDM

Address for correspondence: EPSL, Intec, Parc Menai, Bangor, Gwynedd, North Wales, LL57 4FG
Telephone: 01248 672 652
e-mail: lab@innovation-environmental.co.uk
Head of Laboratory Services : M D Mitchell B.Sc. (Hons), M.Phil.
Plant Anatomist : Dr G S Turner B.Sc. (Hons), M.Sc., Ph.D
Plant Anatomist : Dr D P Aebischer B.Sc. (Hons), M.Sc., Ph.D
Consultant: Dr M P Denne B.Sc. (Hons), M.Sc., Ph.D
Registered in England. No 3256771, Registered Office:Yarmouth House, 1300 Parkway, Solent Business Park, Hampshire, PO15 7AE

To: Cunningham Lindsey - Maidstone
4 North Court
South Park Business Village
Armstrong Road
Kent
ME15 6JZ

Ftao: Yiu-Shan Wong

Our Ref: **287264**

Your Ref: **6095485**

Date: **21-Oct-15**

ESTIMATE

Site:- **54 Compayne Gardens, London**

Item		Amount
	No recommendations required to the private drainage surveyed.	

Notes

Repairs to shared runs and off boundary pipe-work may be the responsibility of the water authority.

Total	£0.00
plus VAT @20%	£0.00
Total + VAT	£0.00

Condition Grade

A - Structurally sound with no leakage evident.
B - Cracks and fractures observed.
C - Structurally unsound

Quotation is binding only if accepted within 28 days from date of issue and is subject to our Standard Terms and Conditions
The price qualification notes, stated on the drainage solutions schedule of rates, apply to this quotation.
CET Structures Ltd undertakes to return to site free of charge to carry out remedial work to the drainage repairs set out above for a period of 2 months from the date of this invoice. The company standard charge rates will apply to the visit should the work requested be unrelated to the said repairs.

Underground Drainage Report	Sheet: 1 of 4 Job No: 287264 Date: 20-Oct-15	Site: 54 Compayne Gardens, London Work carried out for: Cunningham Lindsey - Maidstone

MANHOLE DETAILS

Manhole	Depth to Invert	Condition
MH1	950mm	As built
MH4	600mm	As built

CCTV Survey:-

1. Drainage Run:

From manhole 1 run 1 to unknown / disused - 100mm clay foul water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Slabs
0.6	JDL		
0.6	LR		
0.6	DES	80%	
1.0			Under S/S
1.3	SA	Survey abandoned - unable to push - assumed disused	

2 Drainage Run:

From manhole 1 run 2 to manhole 2 - 100mm cast iron combined - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Slabs
0.5			Steps
3.5			Slabs
4.0			Slabs
6.0	FH	Survey ends - reached MH2 (situated in garden of other ground floor flat)	

Water Test Grade:

0 - Unable to fill
1 - Heavy Loss
2 - Medium Loss over 2 minutes
3 - Slow Loss over 5 minutes
4 - No Loss

3 Drainage Run:

From manhole 1 run 3 to unknown - cast iron surface water - upstream (shared)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Slabs
0.8	DES	60%	
1.0			Concrete
1.6	LU		
1.9	LR		
1.9	FH	Survey ends - reached unknown assumed disused (gully not there)	

4 Drainage Run:

From manhole 1 run 4 to manhole 3 - cast iron combined - downstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Slabs
1.0			Concrete
2.7			Under hedge
14.6	JN	At 12 o'clock	
22.6	FH	Survey ends - reached MH3 under hedge (unable to lift)	

5 Drainage Run:

From manhole 4 run 5 to rain water gully 1 - plastic surface water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.0	LL	Line left	
0.2	FH	Finish - reached RWG1	

Gully condition: As built

Water Test Grade:

0 - Unable to fill
1 - Heavy Loss
2 - Medium Loss over 2 minutes
3 - Slow Loss over 5 minutes
4 - No Loss

6 Drainage Run:

From manhole 4 run 6 to DSWC1 - 100mm clay foul water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Under property (unseen)
2.3	LL		
5.5	LU		
6.0	FH	Survey ends - reached DSWC1	

7 Drainage Run:

From manhole 4 run 7 to upstream - 100mm clay foul water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Under property
0.4	MC	To plastic	
0.9	LR		
5.0	LU		
5.8	FH	Survey ends - reached unknown	

8 Drainage Run:

From manhole 4 run 8 to buried waste gully 2 - 100mm clay foul water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.0	DEG	10%	
0.2	LL		
0.2	DE	100%	
0.2	FH	Survey ends - reached buried WG2	

Water Test Grade:

0 - Unable to fill
1 - Heavy Loss
2 - Medium Loss over 2 minutes
3 - Slow Loss over 5 minutes
4 - No Loss

9 Drainage Run:

From manhole 4 run 9 to waste gully 1 - 100mm clay foul water - upstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.1	LL		
0.2	FH	Survey ends - reached WG1	

Gully condition: As built

10 Drainage Run:

From manhole 4 run 10 to run 4 - 100mm clay combined - downstream (shared with flats)

Metres:	Code:	Observations:	Surface Material/ Condition:
0.0		Start	Concrete
0.0	LD	Slight	
1.0	FH	Survey ends - reached run 4	

- End of Survey -

Our assessment of the drainage system is based on our visual inspection and on information collated at the time of the survey. Where assumptions have been made these are based on our experience and do not constitute any form of guarantee, nor do we guarantee that further deterioration will not occur following this survey. CCTV video records will be stored for a period of 3 months from date of inspection and then destroyed.

Water Test Grade:

0 - Unable to fill
1 - Heavy Loss
2 - Medium Loss over 2 minutes
3 - Slow Loss over 5 minutes
4 - No Loss

Water Authority Sewer Condition Codes

B	Broken pipe at… (or from… to..) o'clock
BR	Branch Major
CC	Crack circumferential from… to… o'clock
CL	Crack longitudinal @… o'clock
CM	Cracks multiple from… to… o'clock
CN	Connection at… o'clock, diameter… mm
CNI	Connection at… o'clock, diameter… mm, intrusion… mm
CU	Camera under water
CX	Connection defective at… o'clock
CXI	Connection defective at… o'clock, diameter… mm, intrusion… mm
D	Deformed sewer… %
DB	Displaced bricks at (or from.. to..) o'clock
DC	Dimension of sewer changes at this point
DE	Debris (non silt/grease)… % cross-sectional loss
DEG	Debris grease… % cross-sectional area loss
DES	Debris silt… % cross-sectional area loss
DI	Dropped invert, gap… mm
EHJ	Encrustation heavy from.. to.. o'clock % cross-sectional area loss (at joint)
ELJ	Encrustation light from.. to.. o'clock%
EMJ	Encrustation medium from.. to.. o'clock %, cross-sectional area loss (at joint)
ESH	Scale heavy… % cross-sectional area loss from... to… o'clock
ESL	Scale light from… to… o'clock
ESM	Scale medium… % cross-sectional area loss from… to… o'clock
FC	Fracture circumferential from… to… o'clock
FL	Fracture longitudinal at… o'clock
FM	Fractures multiple from… to… o'clock
GO	General observation at this point
GP	General photograph number… taken at this point
H	Hole in sewer at… o'clock
IDJ	Infiltration dripper at (or from… to…) o'clock (at joint)
IGJ	Infiltration gusher at (or from… to…) o'clock (at joint)
IRJ	Infiltration runner at (or from… to…) o'clock (at joint)
ISJ	Infiltration seeper at (or from… to…) o'clock (at joint)
JDM	Joint displaced medium
JDL	Joint displaced large
JN	Junction at…o'clock, diameter…mm
JX	Junction defective at.. o'clock, diameter.. mm
LC	Lining of sewer changes/starts/finishes at this point
LD	Line of sewer deviates down
LL	Line of sewer deviates left
LN	Line defect at (or from.. to..) o'clock
LR	Line of sewer deviates right
LU	Line of sewer deviates up
MB	Missing bricks at.. (or from.. to..) o'clock
MC	Material of sewer changes at this point
MH	Manhole/node
MM	Mortar missing medium at.. (or from.. to..) o'clock
MS	Mortar missing surface at.. (or from.. to..) o'clock
MT	Mortar missing total at.. (or from.. to..) o'clock
OB	Obstruction… % height/diameter loss
OJL	Open joint large
OJM	Open joint medium
PC	Length of pipe forming sewer changes at this point, new length…mm
RFJ	Roots fine (at joint)
RMJ	Roots mass… % cross-sectional area loss (at joint)
RTJ	Roots tap (at joint)
SA	Survey abandoned
SC	Shape of sewer changes at this point
SSL	Surface damage, spalling large at (or from.. to..) o'clock
SSM	Surface damage, spalling medium at (or from.. to..) o'clock
SSS	Surface damage, spalling slight at (or from.. to..) o'clock
SWL	Surface damage, wear large at… (or from.. to..) o'clock
SWM	Surface damage, wear medium at… (or from.. to..) o'clock
SWS	Surface damage, wear slight at.. (or from.. to..) o'clock
V	Vermin (rats and mice)
WL	Water level… % height/diameter
X	Sewer collapsed… % cross-sectional area loss
FH	End of survey

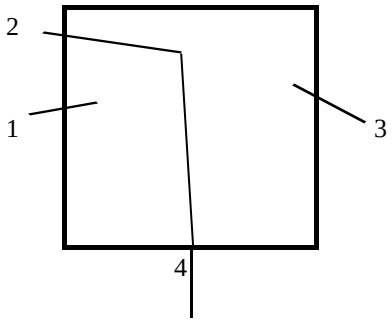
Contract: 287264

Date: 20-Oct-15

Operative Initial: IC

Site Address: 54 Compayne Gardens, London

M/H: 1 **Depth:** 950mm



Chamber Dimension (mm):

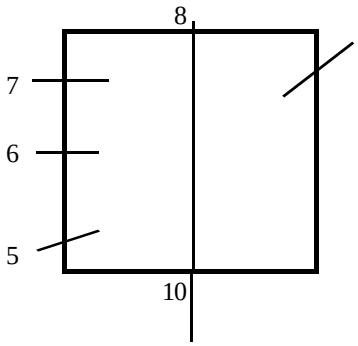
Depths of run if different to invert level:-

Run

Manhole Condition

As built

M/H: 4 **Depth:** 600mm



Chamber Dimension (mm): 650 X 450

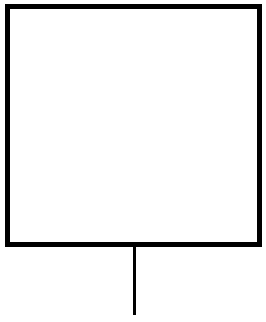
Depths of run if different to invert level:-

Run

Manhole Condition

As built

M/H: **Depth:**



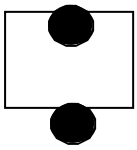
Chamber Dimension (mm):

Depths of run if different to invert level:-

Run

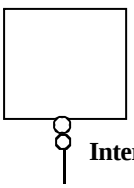
Manhole Condition

KEY….



Internal Back Drop

External Back Drop



Interceptor

Water Pressure Test Results

From: To: Pass / Fail