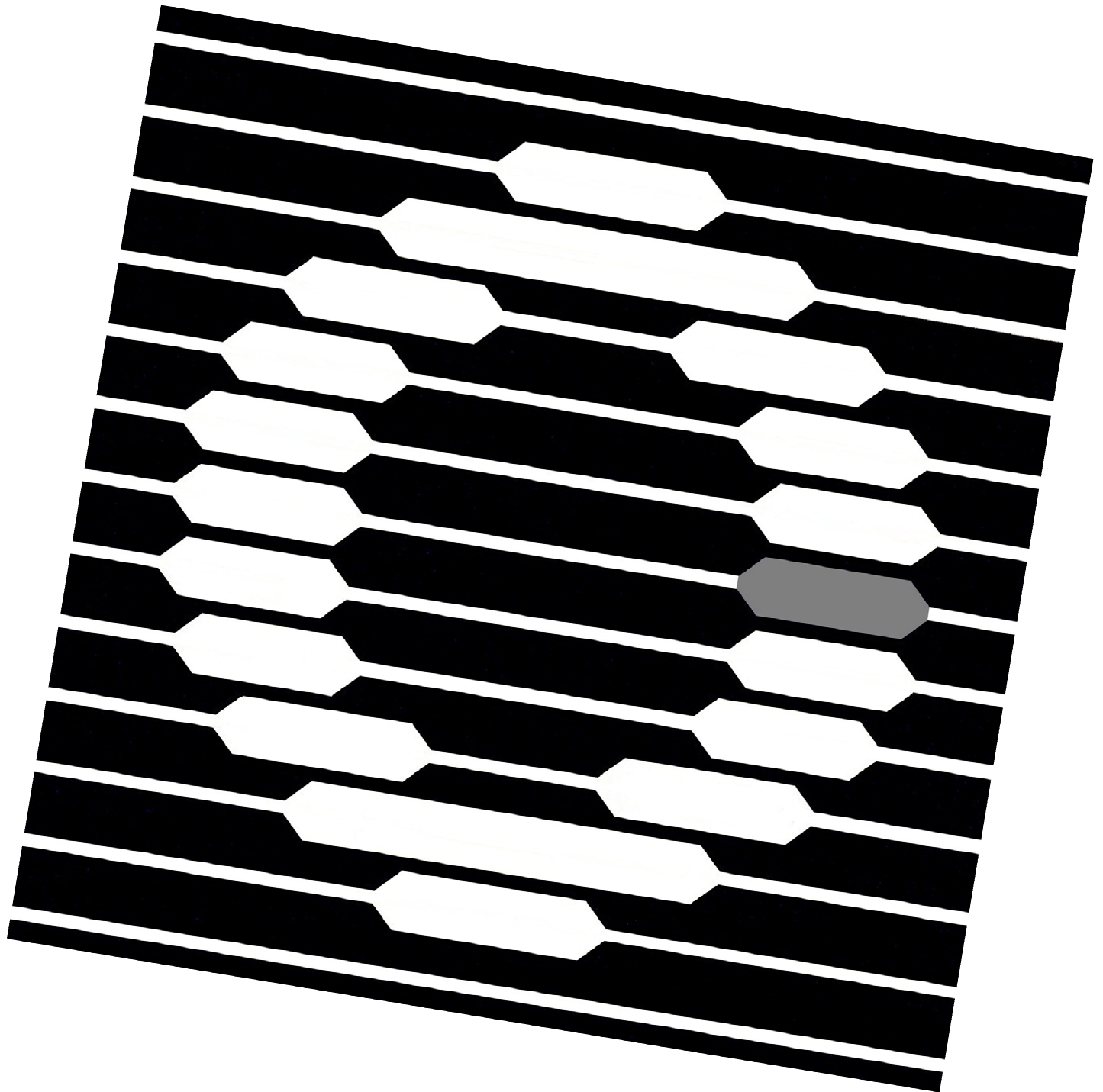


# G.O. DRAINAGE SERVICES LTD



**CV.02848 72 LOWER MORTLAKE ROAD TW9 2JY**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## CCTV SURVEY HEADER SHEET

**CLIENT.**

ELLIOTTWOOD PARTNERSHIP LLP  
CONSULTING STRUCTURAL AND CIVIL ENGINEERS  
241 THE BROADWAY  
LONDON  
SW19 1SD

**LOCATION.**

72 LOWER MORTLAKE ROAD  
LONDIN  
TW9 2JY

**JOB NO.**

CV.02848

**SEWER USE.**

FOUL + SURFACE DRAINAGE

**WEATHER.**

DRY

**DATE.**

29+30/24

**OPERATOR.**

GO

**CLEANED.**

NO

**ORDER NO.**

E-MAIL KERI

**TOTAL LENGTH SURVEYED.**

360.1 metres













## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

### MANHOLE NO.01

COVER 630X640mm

CHAMBER 900mm

C150 VC  
DEPTH 1060mm



C100 VC  
DEPTH 1050mm

### MANHOLE NO.02

COVER 600X600mm

CHAMBER 550X550mm

C150 VC  
DEPTH 750mm



C150 VC  
DEPTH 740mm



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## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

MANHOLE NO.04

COVER 600X600mm

CHAMBER 1050mm

C150 VC  
DEPTH 1650mm



C150 VC  
DEPTH 1780mm

C225 VC  
DEPTH 1790mm

MANHOLE NO.05

COVER 610X610mm

CHAMBER 1250mm

C225 VC  
DEPTH 2110mm



C300 VC  
DEPTH 2150mm

C225 VC  
DEPTH 2140mm





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## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

MANHOLE NO.05A

COVER 510X510mm

CHAMBER 460mm

C100 VC  
DEPTH 1120mm

C100 VC  
DEPTH 1170mm



MANHOLE NO.06

COVER 490mm

CHAMBER 160mm

C100 VC  
DEPTH 690mm

C100 VC  
DEPTH 580mm





## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

MANHOLE NO.07

COVER 610X610mm

CHAMBER 1250mm

C225 VC  
DEPTH 2960mm



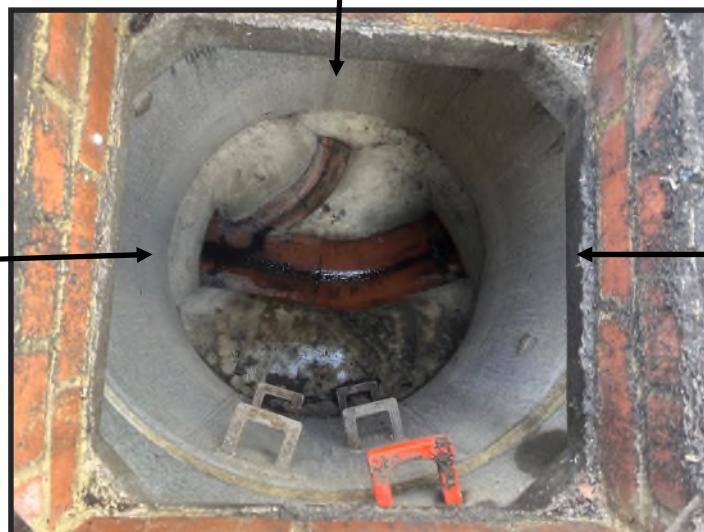
C225 VC  
DEPTH 2950mm

MANHOLE NO.08

COVER 600X600mm

CHAMBER 1250mm

C150 VC  
DEPTH 2040mm



C300 VC  
DEPTH 2130mm

C300 VC  
DEPTH 2120mm





## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

### MANHOLE NO.09

COVER 610X610mm

CHAMBER 1250mm



C100 VC  
DEPTH 1000mm

C100 VC  
DEPTH 1210mm

C150 VC  
DEPTH 2920mm

### MANHOLE NO.10

COVER 600X600mm

CHAMBER 1250mm

C150 VC  
DEPTH 2460mm



C300 VC  
DEPTH 2680mm

C300 VC  
DEPTH 2670mm



## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

### MANHOLE NO.11

COVER 610X610mm

CHAMBER 1250mm

C225 VC  
DEPTH 3150mm



C225 VC  
DEPTH 3140mm

### MANHOLE NO.12

COVER 600X600mm

CHAMBER 900mm

C100 VC  
DEPTH 900mm



C150 VC  
DEPTH 1750mm

C100 VC  
DEPTH 1700mm





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## MANHOLE SURVEY

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE 29+30/04/24

JOB. CV.02848

MANHOLE NO14

COVER 620X520mm

CHAMBER 800X700mm

C100 VC  
DEPTH 550mm



C100 CI  
DEPTH 670mm

C100 CI  
DEPTH 660mm

C100 CI  
DEPTH 550mm





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## PHOTOS

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

DATE: 29/30//24

JOB: CV.2848





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	01	29/30/04/24	SURFACE	1060mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 01 CONNECTION- 1

FH. RAIN WATER PIPE

CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.3	DES	SETTLED DEPOSITS FINE 10%
001.3	DES	SETTLED DEPOSITS FINE 10%
011.3	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
012.0	WL	WATER LEVEL 10%
012.4	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
013.1	FH	FINISH OF SURVEY RWP



**END OF RUN NO.01**





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## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	02	29/30/04/24	SURFACE	1070mm	DOWNSTREAM	150mm	V/CLAY	DRY	NO	GO	1

START	FINISH
ST. MANHOLE No. 01 CONNECTION- X	FH. DOWN STREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4 S1	DES	SETTLED DEPOSITS FINE 05% START
003.8	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 100mm RWP
005.6	WL	WATER LEVEL 10%
006.5	DES	SETTLED DEPOSITS COARSE 20%
011.5	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm ROAD GULLY
012.1	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm ROAD GULLY
012.6	CU	CAMERA UNDER WATER
012.6	SA	SURVEY ABANDONED DUE TO ABOVE

**END OF RUN NO.02**

D/ST



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	03	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 1 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	SC	DIMENSION OF DRAIN CHANGES TO 150mm
000.4	DES	SETTLED DEPOSITS FINE 05%
003.4	CL	CRACK, LONGITUDINAL AT 08 O'CLOCK
003.4	CL	CRACK, LONGITUDINAL AT 12 O'CLOCK
003.4	DES	SETTLED DEPOSITS FINE 10%
008.4	FH	FINISH OF SURVEY JUNCTION WITH SEWER

**END OF RUN NO.03**

D/ST



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## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	04	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

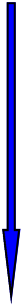
START

FINISH

ST. GULLY No. CONNECTION- X FH. DOWNSTREAM

CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	SC	DIMENSION OF DRAIN CHANGES TO 150mm
002.4	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
008.8	FH	FINISH OF SURVEY JUNCTION WITH SEWER

GULLY



D/ST

**END OF RUN NO.4**





# G.O. DRAINAGE SERVICES LTD



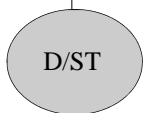
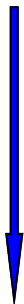
53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	05	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 3 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
001.8	SC	DIMENSION OF DRAIN CHANGES TO 150mm
003.2	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
003.2	FH	FINISH OF SURVEY JUNCTION WITH SEWER

**END OF RUN NO.05**

D/ST



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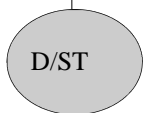
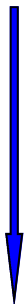
## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	06	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 4 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	SC	DIMENSION OF DRAIN CHANGES TO 150mm
000.4	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
001.7	FH	FINISH OF SURVEY JUNCTION WITH SEWER

**END OF RUN NO.06**



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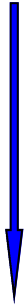
## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	07	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 3 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
001.9	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
003.2	REM	GENERAL REMARK ( JUNCTION WITH SEWER )
005.2	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 150mm GULLY 4
006.5	MH	MANHOLE NO.04
006.5	FH	FINISH OF SURVEY

**END OF RUN NO.07**





# G.O. DRAINAGE SERVICES LTD



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## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	08	29/30/04/24	SURFACE	1650mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 04 CONNECTION- 1 FH. MANHOLE NO.02



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
000.8	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm
003.2	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm
003.5	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm
004.0	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm
018.0	MH	MANHOLE NO.02
018.0	FH	FINISH OF SURVEY

**END OF RUN NO.08**





# G.O. DRAINAGE SERVICES LTD



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## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

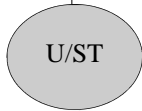
JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	09	29/30/04/24	SURFACE	1780mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 04 CONNECTION- 2 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.9	LD	LINE OF DRAIN DEVIATES DOWN ( SHARP )
000.9	FH	FINISH OF SURVEY TANK

**END OF RUN NO.09**





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## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	10	29/30/04/24	SURFACE	1790mm	DOWNSTREAM	225mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 04 CONNECTION- X

FH. MANHOLE NO.05

CHAINAGE	CODE	OBSERVATION
----------	------	-------------



000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
011.6	MH	MANHOLE NO.05
011.6	FH	FINISH OF SURVEY

**END OF RUN NO.10**







# G.O. DRAINAGE SERVICES LTD



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## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	11	29/30/04/24	SURFACE	750mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 02 CONNECTION- 1

FH. RAIN WATER PIPE



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	SC	DIMENSION OF DRAIN CHANGES TO 100mm
000.5	FC	FRACTURE, CIRCUMFERENTIAL FROM 12 TO 12 O'CLOCK
003.8	JN	JUNCTION AT 09 O'CLOCK, DIAMETER 100mm RWP
008.4	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
010.4	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
010.6	FH	FINISH OF SURVEY

**END OF RUN NO.11**

RWP



# G.O. DRAINAGE SERVICES LTD



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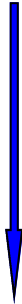
## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	12	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 2 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
002.5	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
009.0	REM	GENERAL REMARK ( JUNCTION WITH SEWER )
009.0	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
009.0	WL	WATER LEVEL 10%
009.0	CU	CAMERA UNDER WATER
020.9	SA	SURVEY ABANDONED DUE TO ABOVE

**END OF RUN NO.12**

D/ST



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	13	29/30/04/24	FOUL	2140mm	UPSTREAM	225mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 05 CONNECTION- 2 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
014.6	MH	MANHOLE
014.6	FH	FINISH OF SURVEY

**END OF RUN NO.13**

U/ST



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	14	29/30/04/24	FOUL	1120mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 05A CONNECTION- 1 FH. MANHOLE NO.06



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
004.9	MH	MANHOLE NO.06
004.9	FH	FINISH OF SURVEY

**END OF RUN NO.14**







# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	15	29/30/04/24	FOUL	1170mm	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 05A CONNECTION- X FH. MANHOLE NO.09



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
005.5	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
005.6	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 100mm
018.5	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm
025.0	MH	MANHOLE NO.09
025.0	FH	FINISH OF SURVEY

**END OF RUN NO.15**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	16	29/30/04/24	FOUL	580mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START	FINISH
ST. MANHOLE No. 06 CONNECTION- 1	FH. GULLY

CHAINAGE	CODE	OBSERVATION
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000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.8	MC	MATERIAL OF DRAIN CHANGES TO CAST IRON AT THIS POINT
001.3	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
001.7	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
002.1	LD	LINE OF DRAIN DEVIATES DOWN ( SHARP )
002.1	FH	FINISH OF SURVEY ( GULLY )



**END OF RUN NO.16**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	17	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START	FINISH
ST. GULLY No. 05 CONNECTION- X	FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	SC	DIMENSION OF DRAIN CHANGES TO 150mm
000.4	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
000.4	LD	LINE OF DRAIN DEVIATES DOWN ( SHARP )
001.8	DES	SETTLED DEPOSITS FINE 05%
009.9	FH	FINISH OF SURVEY JUNCTION WITH SEWER

**END OF RUN NO.17**



# G.O. DRAINAGE SERVICES LTD



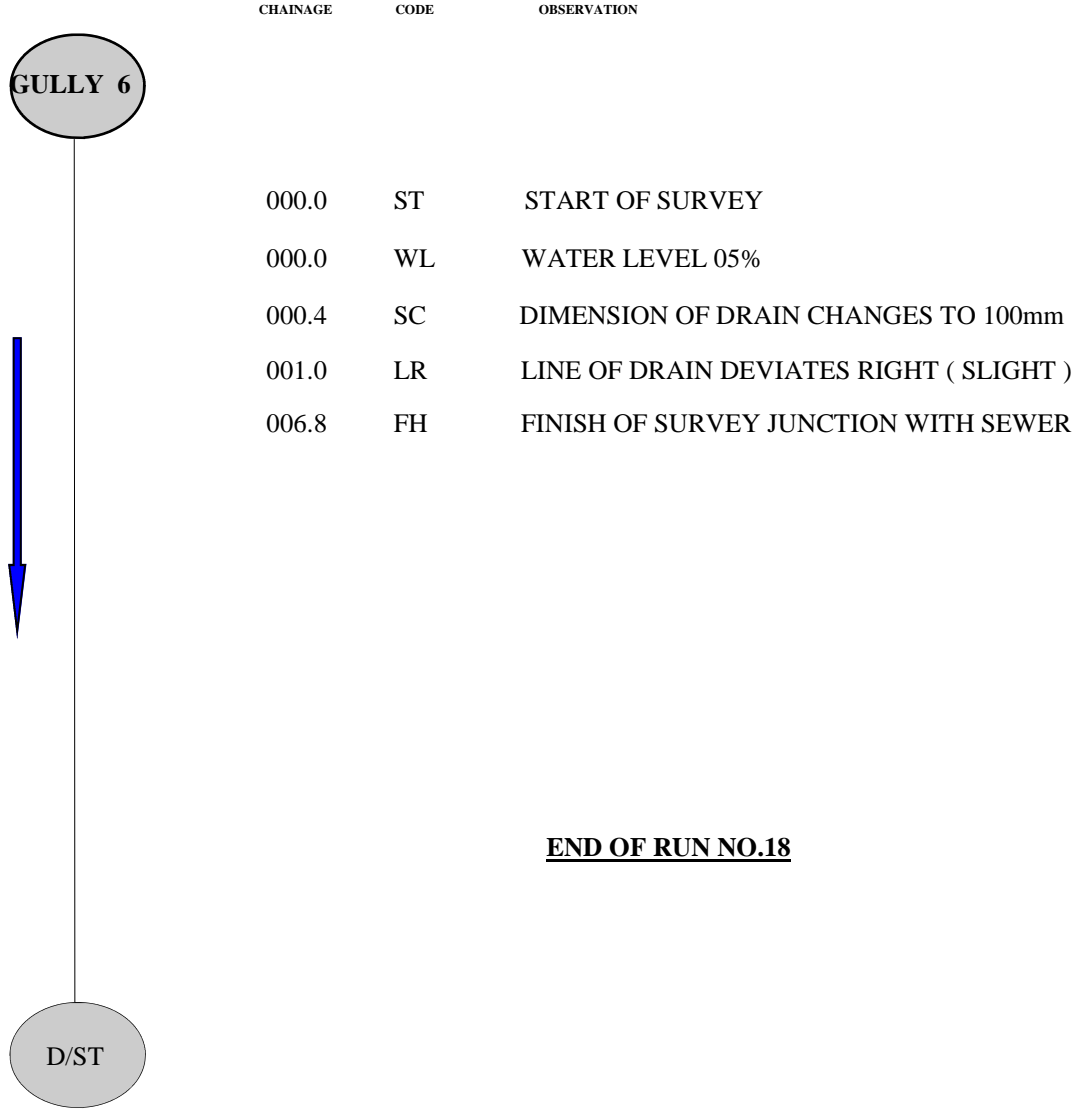
53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	18	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 6 CONNECTION- X FH. DOWNSTREAM



**END OF RUN NO.18**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	19	29/30/04/24	SURFACE	2040mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START	FINISH
ST. MANHOLE No. 08 CONNECTION- 1	FH. GULLY



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
003.0	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
003.5	LD	LINE OF DRAIN DEVIATES DOWN ( SHARP )
004.1	FH	FINISH OF SURVEY ( GULLY )

**END OF RUN NO.19**



# G.O. DRAINAGE SERVICES LTD



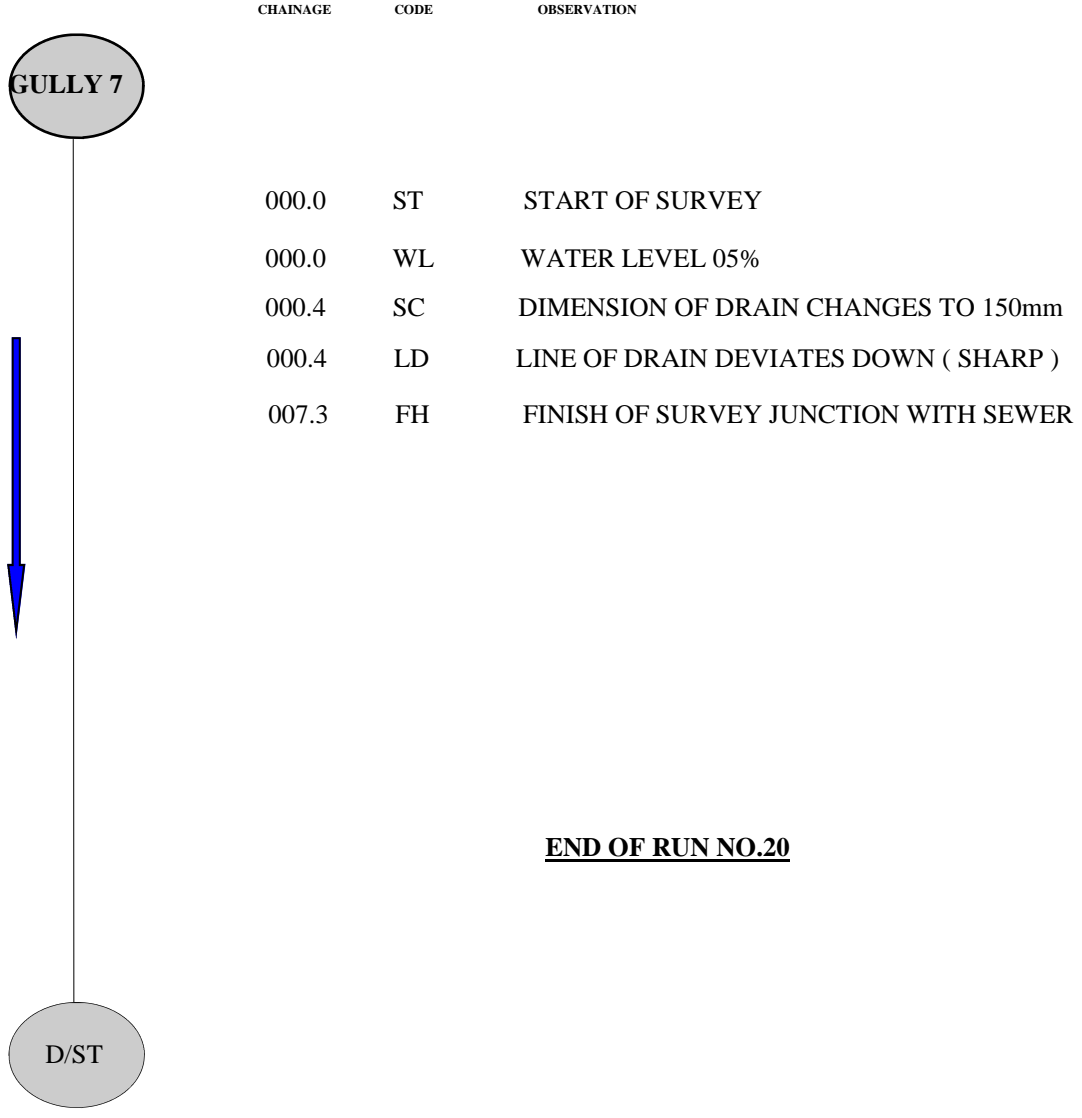
53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	20	29/30/04/24	SURFACE	N/A	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. GULLY No. 07 CONNECTION- X FH. DOWNSTREAM



**END OF RUN NO.20**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	21	29/30/04/24	FOUL	2920mm	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 09 CONNECTION- X FH. MAIN SEWER

CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
003.0	FH	FINISH OF SURVEY JUNCTION WITH SEWER

MH-09



D/ST

**END OF RUN NO.21**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	22	29/30/04/24	FOUL	1000mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 09 CONNECTION- 1

FH. MANHOLE NO.14

CHAINAGE	CODE	OBSERVATION
----------	------	-------------



MH-09

MH-14

000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.3	JN	JUNCTION AT 06 O'CLOCK,DIAMETER 100mm BACKDROP
000.4	MC	MATERIAL OF DRAIN CHANGES TO CAST IRON AT THIS POINT
018.0	MH	MANHOLE NO.14
018.0	FH	FINISH OF SURVEY

**END OF RUN NO.22**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	23	29/30/04/24	SURFACE	1750mm	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 12 CONNECTION- X FH. MANHOLE NO.10



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
001.7	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
010.5	MH	MANHOLE NO.10
010.5	FH	FINISH OF SURVEY

**END OF RUN NO.23**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	24	29/30/04/24	SURFACE	900mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START

FINISH

ST. MANHOLE No. 12 CONNECTION- 1

FH. UPSTREAM

CHAINAGE	CODE	OBSERVATION
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000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.4	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
008.1	JN	JUNCTION AT 12 O'CLOCK,DIAMETER 100mm RWP
015.7	DES	SETTLED DEPOSITS COARSE 99%
015.7	SA	SURVEY ABANDONED DUE TO ABOVE

**END OF RUN NO.24**

U/ST



# G.O. DRAINAGE SERVICES LTD



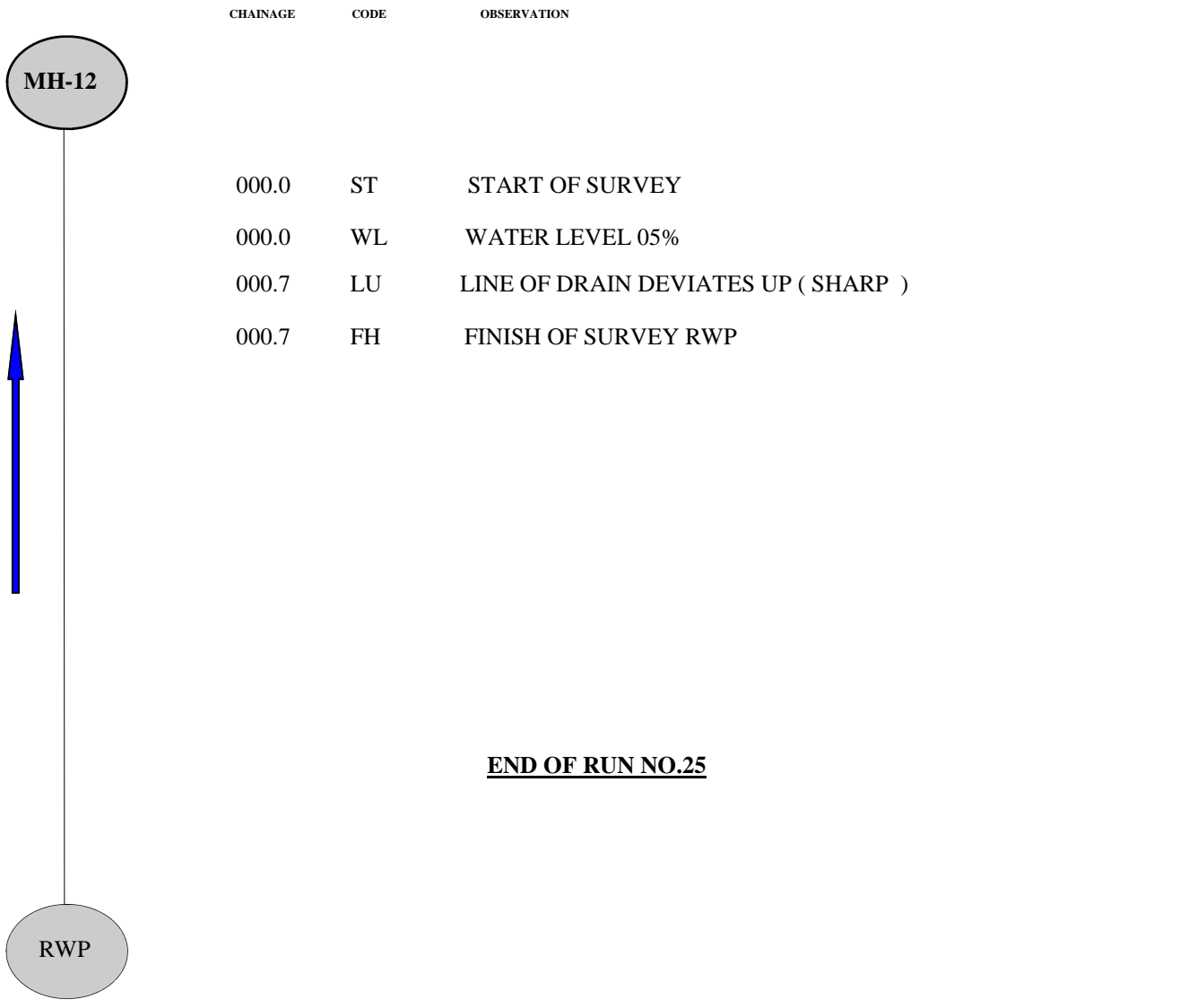
53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	25	29/30/04/24	SURFACE	1700mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 12 CONNECTION- 2 FH. RAIN WATER PIPE



**END OF RUN NO.25**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

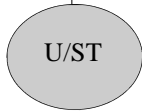
JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	26	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	CAST IRON	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 1 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
002.1	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
002.1	FH	FINISH OF SURVEY

**END OF RUN NO.26**







# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	27	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

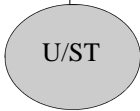
START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 2 FH. UPSTREAM

CHAINAGE	CODE	OBSERVATION
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000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
00 2.4	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
002.4	FH	FINISH OF SURVEY

**END OF RUN NO.27**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	28	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

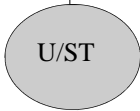
START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 3 FH. UPSTREAM

CHAINAGE	CODE	OBSERVATION
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000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
002.3	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
002.3	FH	FINISH OF SURVEY

**END OF RUN NO.28**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

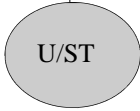
JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	14.	29/30/04/24	FOUL	680mm	UPSTREAM	100mm	CAST IRON	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 4 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
000.3	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
005.2	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
006.2	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
006.2	FH	FINISH OF SURVEY

**END OF RUN NO.28A**





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53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	29	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 5 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
002.7	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
002.9	LD	LINE OF DRAIN DEVIATES DOWN ( SHARP )
002.9	FH	FINISH OF SURVEY GULLY

**END OF RUN NO.29**

GULLY



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53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	30	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	CAST IRON	DRY	NO	GO	1

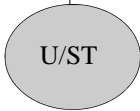
START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 6 FH. UPSTREAM

CHAINAGE	CODE	OBSERVATION
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000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
001.1	LL	LINE OF DRAIN DEVIATES LEFT ( SLIGHT )
001.1	FH	FINISH OF SURVEY

**END OF RUN NO.30**





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## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	31	29/30/04/24	FOUL	550mm	UPSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 14 CONNECTION- 7 FH. UPSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
002.7	LU	LINE OF DRAIN DEVIATES UP ( SHARP )
002.7	FH	FINISH OF SURVEY

**END OF RUN NO.31**

U/ST





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	32	29/30/04/24	SURFACE	2120mm	UPSTREAM	300mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 08 CONNECTION- 2 FH. MANHOLE NO.05



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
003.0	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm
017.6	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm
021.1	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm
028.8	MH	MANHOLE NO.05
028.8	FH	FINISH OF SURVEY

**END OF RUN NO.32**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	33	29/30/04/24	SURFACE	2130mm	DOWNSTREAM	300mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 08 CONNECTION- X FH. MANHOLE NO.10



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
011.9	JN	JUNCTION AT 02 O'CLOCK, DIAMETER 150mm
019.1	MH	MANHOLE NO.10
019.1	FH	FINISH OF SURVEY

**END OF RUN NO.33**





# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	34	29/30/04/24	SURFACE	2680mm	DOWNSTREAM	300mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 10 CONNECTION- X FH. MAIN SEWER



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
005.9	JN	JUNCTION AT 02 O'CLOCK, DIAMETER 150mm
008.5	LR	LINE OF DRAIN DEVIATES RIGHT ( SLIGHT )
012.8	FH	FINISH OF SURVEY

**END OF RUN NO.34**

MAIN SEWER



# G.O. DRAINAGE SERVICES LTD



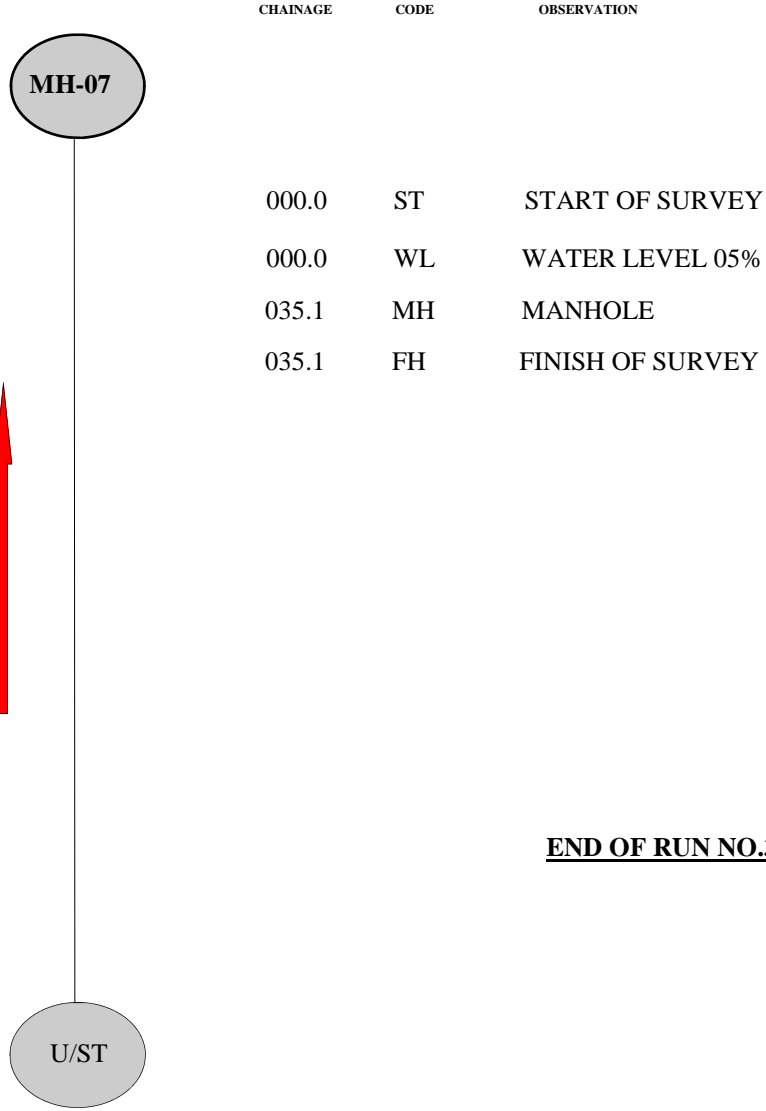
53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	35	29/30/04/24	FOUL	2950mm	UPSTREAM	225mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 07 CONNECTION- 1 FH. UPSTREAM



**END OF RUN NO.35**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT: 72 LOWER MORTLAKE ROAD TW9 2JY LOCATION: 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	36	29/30/04/24	FOUL	2960mm	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No. 07 CONNECTION- X FH. MANHOLE NO.11



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 05%
024.4	JN	JUNCTION AT 03 O'CLOCK,DIAMETER 150mm MH-09
034.4	MH	MANHOLE NO.11
034.4	FH	FINISH OF SURVEY

**END OF RUN NO.36**



# G.O. DRAINAGE SERVICES LTD



53 PREMIER AVENUE GRAYS RM16 2SJ TEL:01375 373302 MOB:07792 815977 E-MAIL: godrainage@aol.com

## INSPECTION REPORT

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY

LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY

JOB NO.	RUN NUMBER	DATE	SEWER USE	DEPTH	DIRECTION	PIPE SIZE	MATERIAL	WEATHER	CLEANED	OPERATOR	PAGE
CV.2848	37	29/30/04/24	FOUL	3150mm	DOWNSTREAM	100mm	V/CLAY	DRY	NO	GO	1

START FINISH  
 ST. MANHOLE No.11 CONNECTION- X FH. DOWNSTREAM



CHAINAGE	CODE	OBSERVATION
000.0	ST	START OF SURVEY
000.0	WL	WATER LEVEL 30%
000.6	DES	SETTLED DEPOSITS FINE 30%
006.0	DES	SETTLED DEPOSITS FINE 40%
006.0	SA	SURVEY ABANDONED DUE TO ABOVE

**END OF RUN NO.37**

D/ST





## SUMMARY AND RECOMMENDATIONS

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY	LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY
DATE 29+30/04/24	JOB. CV.2848

- RUN NO.01 NO WORK NEEDED**
- RUN NO.02 NO WORK NEEDED**
- RUN NO.03 CRACKS**
- RUN NO.04 NO WORK NEEDED**
- RUN NO.05 NO WORK NEEDED**
- RUN NO.06 NO WORK NEEDED**
- RUN NO.07 NO WORK NEEDED**
- RUN NO.08 NO WORK NEEDED**
- RUN NO.09 NO WORK NEEDED**
- RUN NO.10 NO WORK NEEDED**
- RUN NO.11 FRACTURE**
- RUN NO.12 NO WORK NEEDED**
- RUN NO.13 NO WORK NEEDED**
- RUN NO.14 NO WORK NEEDED**
- RUN NO.15 NO WORK NEEDED**
- RUN NO.16 NO WORK NEEDED**
- RUN NO.17 NO WORK NEEDED**
- RUN NO.18 NO WORK NEEDED**
- RUN NO.19 NO WORK NEEDED**
- RUN NO.20 NO WORK NEEDED**



## SUMMARY AND RECOMMENDATIONS

CLIENT. 72 LOWER MORTLAKE ROAD TW9 2JY	LOCATION. 72 LOWER MORTLAKE ROAD TW9 2JY
DATE 29+30/04/24	JOB. CV.2848

- RUN NO.21 NO WORK NEEDED**
- RUN NO.22 NO WORK NEEDED**
- RUN NO.23 NO WORK NEEDED**
- RUN NO.24 NO WORK NEEDED**
- RUN NO.25 NO WORK NEEDED**
- RUN NO.26 NO WORK NEEDED**
- RUN NO.27 NO WORK NEEDED**
- RUN NO.28 NO WORK NEEDED**
- RUN NO.28A NO WORK NEEDED**
- RUN NO.29 NO WORK NEEDED**
- RUN NO.30 NO WORK NEEDED**
- RUN NO.31 NO WORK NEEDED**
- RUN NO.32 NO WORK NEEDED**
- RUN NO.33 NO WORK NEEDED**
- RUN NO.34 NO WORK NEEDED**
- RUN NO.35 NO WORK NEEDED**
- RUN NO.36 NO WORK NEEDED**
- RUN NO.37 DEBRIS TWA**

**DRAIN & PIPEWORK CCTV  
SURVEYS**

-

**DRAINS  
PIPEWORK  
CULVERTS**

**DUCTS  
CHUTES  
CHIMNEY FLUES  
TANKS**

**HIGH PRESSURE  
WATER JETTING**

-

**SEWER & DRAIN BLOCKAGES  
DESCALING  
SILT REMOVAL  
ROOT CUTTING  
GREASE REMOVAL**

-



**G.O. DRAINAGE SERVICES LTD**



# Appendix D: Existing Run-off Rate Calculations

**Modified Ration Method for Brownfield Runoff**

**Project Number:** 2230479  
**Project Name:** Avalon House  
**Date:** 10.05.1014

**Area (Ha)** 0.2011

$$Q = 2.78 * C_v * C_r * I * A$$

Q = flow rate (l/s)  
 C<sub>v</sub> = Volumetric Runoff Coefficient  
 C<sub>r</sub> = Routing Coefficient  
 I - Rainfall intensity  
 A = Area (Ha)

Under summer rainfall conditions C<sub>v</sub> ranges from 0.6 - 0.9, for fully impermeable areas value of 0.75 should be used.

The routing coefficient varies between 1 and 2 and accounts for the effect of rainfall characteristics and catchment shape on the peak runoff magnitude. The SuDS manual recommends a fixed value for C<sub>r</sub> of 1.3 for design.

Rainfall intensity is calculated following Wallingford Procedure Volume 4 and is as follows:

Storm Return Period	Existing Discharge (L/S)
1yr	17.3
30yr	43.5
100yr	55.5
100yr+40%	77.8

**1.0 Determination of M5-60 min and r**

60 minute, 5 year storm (M5-60) has a rainfall depth M5-60 20.000  
 Ratio r 0.414

**2.0 Determination of M5-D**

M5-D = Z1 (M5-60min)  
 Z1 is taken from A3.a or A.3b for values between 0.12 and 0.45 and for durations between 5 minutes and 48 hours read to 0.01.

Assuming 1yr 15min, 30yr 15 min, 100yr 15min

Z1 0.64  
 M5-15 12.8 mm

**3.0 Determination of MT-D**

MT-D is obtained from the relationship:  
 MT-D = Z2(M5-D)

Taken from Table A1 for 1yr return period 15min storm

Z2 = 0.62  
 M1-15 = 7.9

Taken from Table A1 for 30yr return period 15min storm

Z2 = 1.56  
 M30-15 = 20.0

Taken from Table A1 for 100yr return period 15min storm

Z2 = 1.99  
 M100-15 = 25.5

**4 Determination of point rainfall intensities**

i = 31.744 mm/hr

i = 79.872 mm/hr

i = 101.888 mm/hr

**5 Application of areal reduction factor**

From chart A4 where area is greater than 1km<sup>2</sup>

ARF = 1

Average 1yr intensity  
 31.7

Average 30yr intensity  
 79.9

Average 100yr intensity  
 101.9

Average 100yr+40% intensity  
 142.6

# Appendix E: Proposed Floor Plans & Elevations



## General notes

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6. All dimensions and conditions are to be checked on site by the contractor prior to preparing designs, drawings, calculations etc. or commencing any work. The contractor is responsible for checking that there is no conflict between site dimensions and drawn dimensions.

## Key plan



## Drawing key

█ Boundary Line



Project Status	A	22-05-24	Draft Planning Submission
Status	Revision	Date	Description

NG / LH	NG	NG / LH	PE
Designed by	Drawn by	Checked by	Approved by

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Drawing title  
**Proposed Site Plan**

Job number	Sheet size	Scale @ A1	Scale @ A3
143	A1	As	NTS

Project stage  
 indicated

Drawing number  
 143-ANO-P0-XX-DR-A-05001