



UCL Denys Lodge - CCTV Survey Report : 19/10/15

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Client Information

Name : UCL
 Contact :
 Location : Bidborough House
 Town : Camden
 Region : London
 Postcode : WC1H 9BT
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Site Information

Name : UCL Ifor Evans Denys Lodge
 Contact :
 Location : 109 Camden Road
 Town : London
 Region :
 Postcode :
 Tel :
 Mobile :
 Email :
 Fax :

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Graded defect count per section

This section shows the number of graded defects per individual survey. A grade 5 defect being serious and indicating more urgent repair. Grade 3-4 defects are less serious and are less urgent concerning repair. Grade 1-2 defects are relatively minor and could be monitored and/or repaired if thought necessary.

Section: 1 Start: MH102 End: LATERAL A Road: Camden
Length: 0.23 Use: Combined Depth: 580 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 00.23m | 100 | Vitrified Clay (i.e. all clayware) | 0 | 0 | 0 |

Section: 2 Start: MH102 End: MH103 Road: Camden
Length: 12.53 Use: Combined Depth: 580 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 12.53m | 100 | Vitrified Clay (i.e. all clayware) | 0 | 0 | 0 |

Section: 3 Start: MH103 End: DOWNSTREAM Road: Camden
Length: 7.8 Use: Combined Depth: 660 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|-----------|--------|--------|----|
| 00.00m - 07.80m | 100 | Cast Iron | 0 | 0 | 0 |

Section: 4 Start: MH104 End: LATERAL A Road: Camden
Length: 0.59 Use: Combined Depth: 450 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 00.59m | 100 | Vitrified Clay (i.e. all clayware) | 0 | 0 | 0 |

Section: 5 Start: MH105 End: MH104 Road: Camden
Length: 7.09 Use: Combined Depth: 870 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 07.09m | 100 | Vitrified Clay (i.e. all clayware) | 1 | 0 | 0 |

Section: 6 Start: MH105 End: MH106 Road: Camden
Length: 10.64 Use: Combined Depth: 870 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 10.64m | 100 | Vitrified Clay (i.e. all clayware) | 0 | 0 | 0 |

Section: 7 Start: MH105 End: MH105a Road: Camden
Length: 6.26 Use: Combined Depth: 870 Place: London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|-----------|--------|--------|----|
| 00.00m - 06.26m | 100 | Cast Iron | 0 | 0 | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Section: 8 **Start:** MH106 **End:** LATERAL A **Road:** Camden
Length: 0.3 **Use:** Combined **Depth:** 450 **Place:** London

| From To | Dia | Material | G1 - 2 | G3 - 4 | G5 |
|-----------------|-----|------------------------------------|--------|--------|----|
| 00.00m - 00.30m | 100 | Vitrified Clay (i.e. all clayware) | 1 | 0 | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



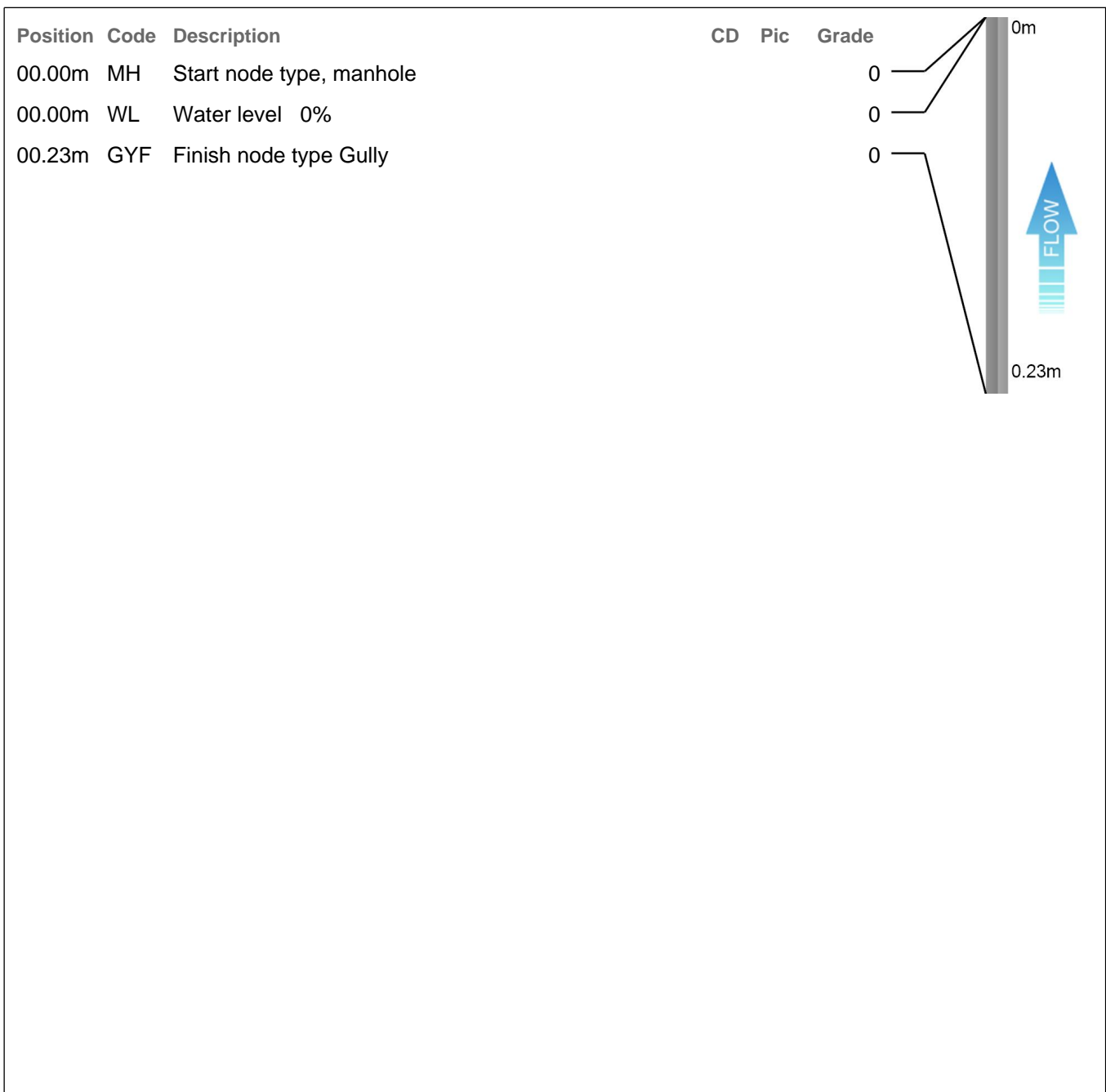
Site: Camden London

Section 1

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|-------------------------------|-----------------|--------------------|
| Start Node Ref: MH102 | Finish Node Ref: LATERAL A | Direction: U | Height/Dia: 100 |
| Start Node Depth: 580 | Finish Node Depth: 0 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 0.23 | |



Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|-------------------------------------|-------|
| 00.00m | MH | Start node type, manhole MH102 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 00.23m | GYF | Finish node type Gully LATERAL A | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



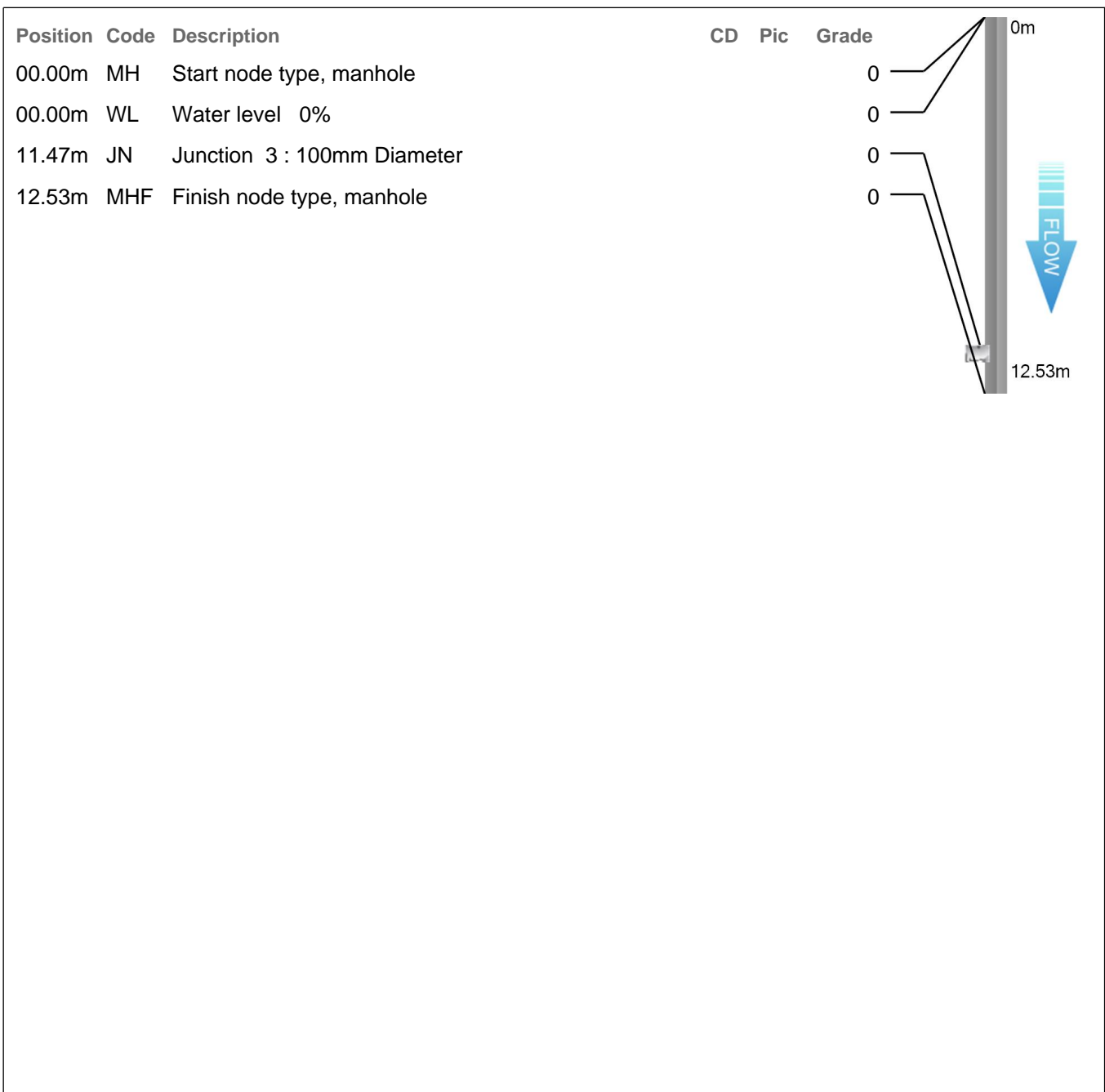
Site: Camden London

Section 2

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|---------------------------|-----------------|--------------------|
| Start Node Ref: MH102 | Finish Node Ref: MH103 | Direction: D | Height/Dia: 100 |
| Start Node Depth: 580 | Finish Node Depth: 660 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 12.53 | |



Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|---------------------------------------|-------|
| 00.00m | MH | Start node type, manhole MH102 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 11.47m | JN | Junction at 3 o'clock: 100mm Diameter | |
| 12.53m | MHF | Finish node type, manhole MH103 | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Site: Camden London

Section 3

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|--------------------------------|-----------------|--------------------|
| Start Node Ref: MH103 | Finish Node Ref: DOWNSTREAM | Direction: D | Height/Dia: 100 |
| Start Node Depth: 660 | Finish Node Depth: 0 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: CI | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 7.8 | |

| Position | Code | Description | CD | Pic | Grade |
|----------|------|--------------------------|----|-----|-------|
| 00.00m | MH | Start node type, manhole | | | 0 |
| 00.00m | WL | Water level 0% | | | 0 |
| 04.84m | REM | General remark | | | 0 |
| 07.80m | GYF | Finish node type Gully | | | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|--|-------|
| 00.00m | MH | Start node type, manhole MH103 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 04.84m | REM | General remark MANHOLE CHAMBER UNABLE TO LIFT | |
| 07.80m | GYF | Finish node type Gully DOWNSTREAM | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



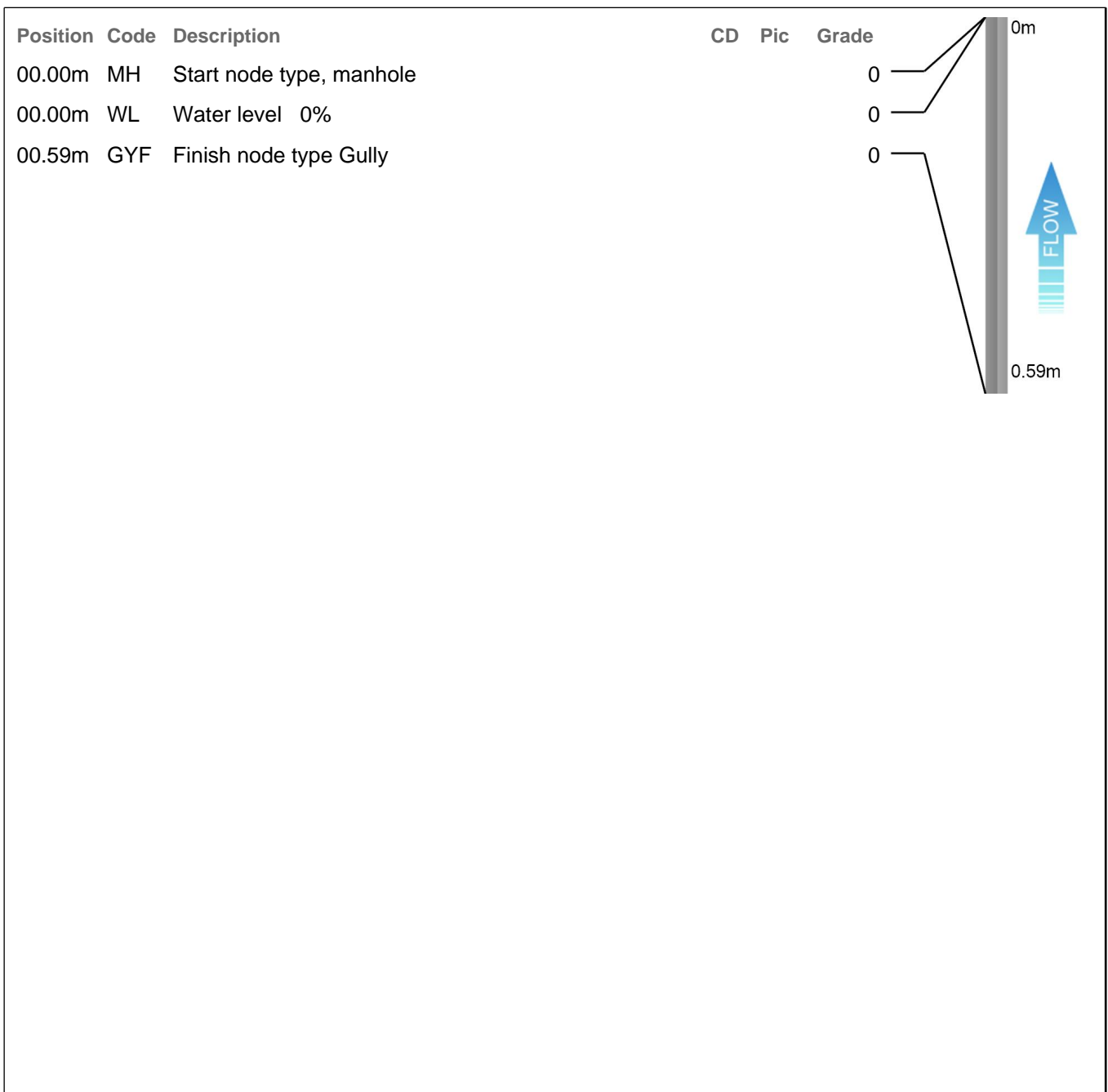
Site: Camden London

Section 4

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|-------------------------------|-----------------|--------------------|
| Start Node Ref: MH104 | Finish Node Ref: LATERAL A | Direction: U | Height/Dia: 100 |
| Start Node Depth: 450 | Finish Node Depth: 0 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 0.59 | |



Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|-------------------------------------|-------|
| 00.00m | MH | Start node type, manhole MH104 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 00.59m | GYF | Finish node type Gully LATERAL A | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Site: Camden London

Section 5

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|---------------------------|-----------------|--------------------|
| Start Node Ref: MH105 | Finish Node Ref: MH104 | Direction: U | Height/Dia: 100 |
| Start Node Depth: 870 | Finish Node Depth: 450 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 7.09 | |

| Position | Code | Description | CD | Pic | Grade |
|----------|------|----------------------------|----|-----|-------|
| 00.00m | MH | Start node type, manhole | | | 0 |
| 00.00m | WL | Water level 0% | | | 0 |
| 03.43m | CC | Crack, circumferential 9-5 | 4 | 2 | 2 |
| 07.09m | MHF | Finish node type, manhole | | | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|--|----------------------------------|
| 00.00m | MH | Start node type, manhole MH105 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 03.43m | CC | Crack, circumferential from 9 o'clock to 5 o'clock - Grade 2 | <p>Image Provided - Ref: 4_2</p> |
| 07.09m | MHF | Finish node type, manhole MH104 | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Site: Camden London

Section 6

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|---------------------------|-----------------|--------------------|
| Start Node Ref: MH105 | Finish Node Ref: MH106 | Direction: U | Height/Dia: 100 |
| Start Node Depth: 870 | Finish Node Depth: 450 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 10.64 | |

| Position | Code | Description | CD | Pic | Grade |
|----------|------|---|----|-----|-------|
| 00.00m | MH | Start node type, manhole | | | 0 |
| 00.00m | WL | Water level 0% | | | 0 |
| 00.35m | LRF | Line of drain/sewer deviates right [full] | | | 0 |
| 01.53m | JN | Junction 3 : 100mm Diameter | | | 0 |
| 10.64m | MHF | Finish node type, manhole | | | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|---|-------|
| 00.00m | MH | Start node type, manhole MH105 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 00.35m | LRF | Line of drain/sewer deviates right [full] | |
| 01.53m | JN | Junction at 3 o'clock: 100mm Diameter | |
| 10.64m | MHF | Finish node type, manhole MH106 | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



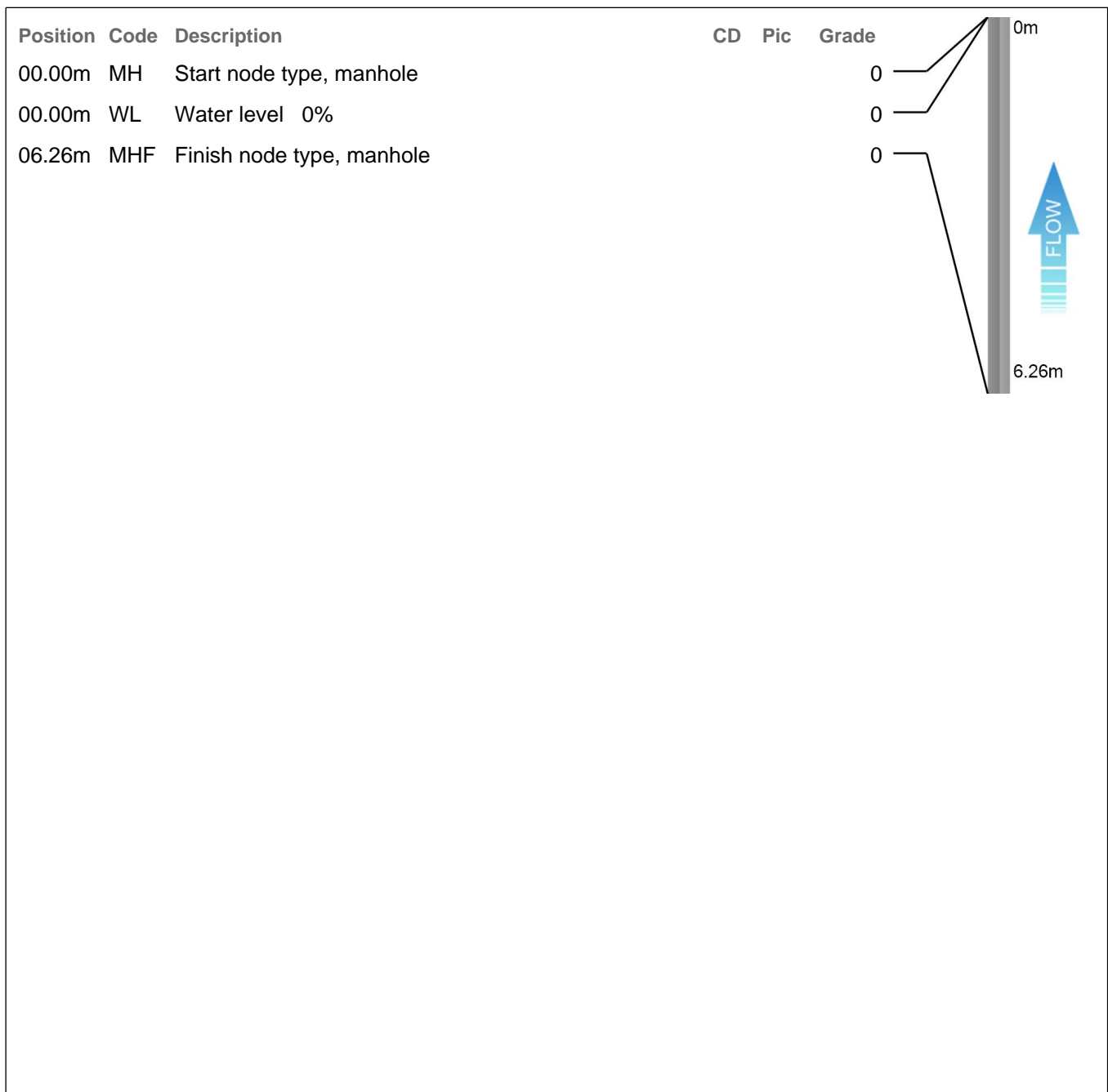
Site: Camden London

Section 7

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|----------------------------|-----------------|--------------------|
| Start Node Ref: MH105 | Finish Node Ref: MH105a | Direction: U | Height/Dia: 100 |
| Start Node Depth: 870 | Finish Node Depth: 0 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: CI | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 6.26 | |



Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|-------------------------------------|-------|
| 00.00m | MH | Start node type, manhole MH105 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 06.26m | MHF | Finish node type, manhole MH105a | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Site: Camden London

Section 8

| | | | | | |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|
| Client: UCL | Location (Street Name): Camden | City/Town/Village London | Cust Job Ref. | Surveyors Name: TC | Date: 19/10/2015 |
|----------------|-----------------------------------|-----------------------------|---------------|-----------------------|---------------------|

| | | | |
|--------------------------|-------------------------------|-----------------|--------------------|
| Start Node Ref: MH106 | Finish Node Ref: LATERAL A | Direction: U | Height/Dia: 100 |
| Start Node Depth: 450 | Finish Node Depth: 0 | Use: C | Shape: C |
| Start Node Coordinate: | Finish Node Coordinate: | Material: VC | Cleaned Y |

| Drain Type | Lining Type | Lining Mat. | Year Const. | Weather | Flow Cont. | Length | Remarks |
|------------|-------------|-------------|-------------|---------|------------|--------|---------|
| A | | | | D | N | 0.3 | |


| Position | Code | Description | CD | Pic | Grade |
|----------|------|-----------------------------|----|-----|-------|
| 00.00m | MH | Start node type, manhole | | | 0 |
| 00.00m | WL | Water level 0% | | | 0 |
| 00.23m | SR | Sealing ring intruding 9-11 | | 7_2 | 2 |
| 00.30m | GYF | Finish node type Gully | | | 0 |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|



Descriptive Report with Remarks and Observation Images

| Pos | Code | Description | Image |
|--------|------|---|---|
| 00.00m | MH | Start node type, manhole MH106 | |
| 00.00m | WL | Water level: 0% Height/Diameter | |
| 00.23m | SR | Sealing ring intruding from 9 o'clock to 11 o'clock - Grade 2 | <p>Image Provided - Ref: 7_2</p>  |
| 00.30m | GYF | Finish node type Gully LATERAL A | |

Total grades for project

| | | | | | | | | | |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Grade 1 Defects | 0 | Grade 2 Defects | 2 | Grade 3 Defects | 0 | Grade 4 Defects | 0 | Grade 5 Defects | 0 |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|