



[illegible]

Survey

Accurate Ground

Unable to Survey

PAS128 SURVEYS

Quality Level

| Key to Quality Levels |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Quality Level         | Definition                                                        |
| Q1                    | Underlined (Status, develop, words, search)                       |
| Q2                    | Suspected to exist, not detected by GPS or ILM                    |
| Q3                    | Horizontal position located by one technique only                 |
| Q4                    | Horizontal and vertical position located by one technique only    |
| Q5                    | Horizontal and vertical position located by multiple techniques   |
| A                     | Horizontal and vertical position verified visually by the service |

| ABBREVIATIONS |                       |    |                    |     |                   |
|---------------|-----------------------|----|--------------------|-----|-------------------|
| ACU           | Air Conditioning Unit | FL | Float Light        | SG  | Service in Ground |
| BD            | Belted Season         | GV | Gas Valve          | SC  | Stop Coat         |
| B             | Bolted                | GU | Gully              | SC  | Stop Coat         |
| CH            | Chowline              | IC | Inspection Chamber | SC  | Stop Coat         |
| CAB           | Can                   | IL | Lifting Sling      | TD  | Temporary Road    |
| C             | Can                   | LC | Lead Cable         | TL  | Traffic Light     |
| C             | Can Cover             | LP | Lead Post          | TL  | Traffic Light     |
| CCS           | Concrete Paving Slab  | LG | Light in Ground    | TSL | Track Machine     |
| CYD           | Cable                 | LP | Lead Post          | UP  | Under Pipe        |
| CVOP          | Covering Pipe         | MR | Master Post        | UP  | Under Pipe        |
| DP            | Deep Dune             | PS | Post Box           | WM  | Water Meter       |
| ED            | Electric Pipe         | PR | Phone Mast         | WM  | Water Meter       |
| ETI           | Earth Pipe            | P  | Post               | WV  | Water Valve       |
| FEL           | Finished Floor Level  | RE | Rodding Eye        |     |                   |
| FF            | Feeder Filler         | RS | Road Sign          |     |                   |
|               |                       | RS | Road Sign          |     |                   |

**TOPOGRAPHIC LEGEND**

|                                                                                     |                            |                                                                                     |                  |
|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|------------------|
|  | Building                   |  | Embankment Slope |
|  | Bank Bottom                |  | Fence            |
|  | Bank Top                   |  | Hess Fence       |
|  | Canopy                     |  | Kerb Channel     |
|  | Canoe                      |  | Kerb Top         |
|  | Cover with Chamber Extends |  | Levels           |
|  | Crash Barrier              |  | Overhead Service |
|  | Drainage Channel           |  | Tree             |

Draw Parts Wall

Edge Detail

## GENERAL NOTES

**Inspective of the information provided by a utility survey and statutory plans, excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - HSG47 Avoiding Danger from Underground Services**

Utilities may continue outside of the survey area. Any paint marks outside of the area are for investigative purposes only and may not represent the full extent of the sub-surface utilities.

Where loc indicates a utility exists but which cannot be positively confirmed with certainty

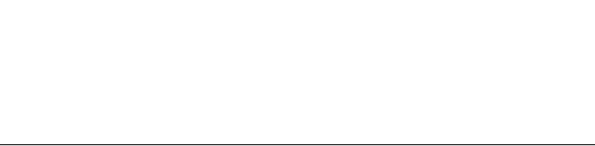
the technology, an assumed route (ASR) is recorded. All assumed service routes (ASR) have been highlighted with a background yellow colour for visual enhancement.

GPR is utilised across the site in all accessible areas where ground conditions, obstructions allow. Areas of dense vegetation, unclear areas, marsh land, steep berms etc. will not be covered by GPR.

**Vertical & Horizontal Position** - Vertical position (depth) is indicative to the top of the utility/feature and should not be taken as exact, as this could be the sumround to the service rather than the service itself. Where depth information from the technology is unclear, depth is not shown.

**Warnings**

This drawing does not provide an absolute representation of the sub-surface. Utilities have been detected using non-invasive technologies only and the performance can be adversely affected by ground, weather and site conditions outside of SUMO's control, therefore, some utilities may be undetectable. While SUMO uses reasonable endeavours to detect all utilities, it does not warrant that 100% detection will be achieved and that approximate depth penetration of the technologies SUMO uses will not be greater than two metres.



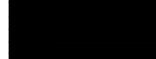
Sheet Layout

Sheet Layout

|          |          |
|----------|----------|
| Sheet 01 | Sheet 02 |
| Sheet 03 | Sheet 04 |
| Sheet 05 | Sheet 06 |

|        |                                                  |       |      |
|--------|--------------------------------------------------|-------|------|
| Rev    | Notes                                            | Drawn | Date |
| Notes: | Survey is referenced to OS Grid and Level Datum. |       |      |

# sumo



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TEL:0845 456 1104

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Title:

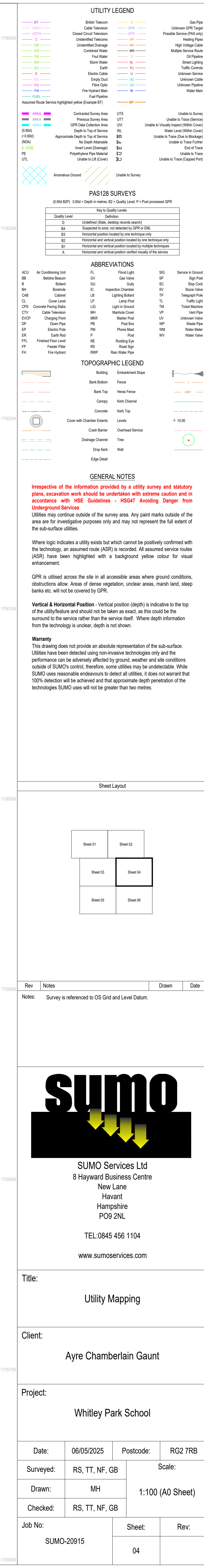
Utility Mapping

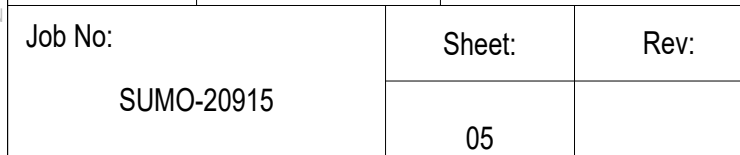
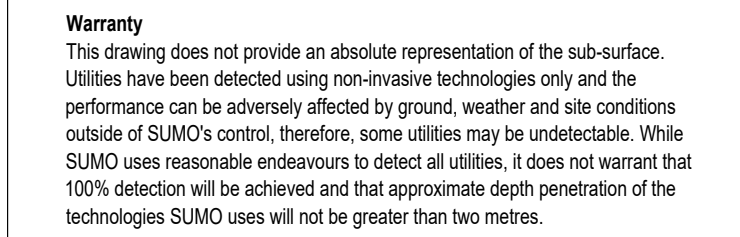
|          |                        |
|----------|------------------------|
| Client:  | Ayre Chamberlain Gaunt |
| Project: |                        |

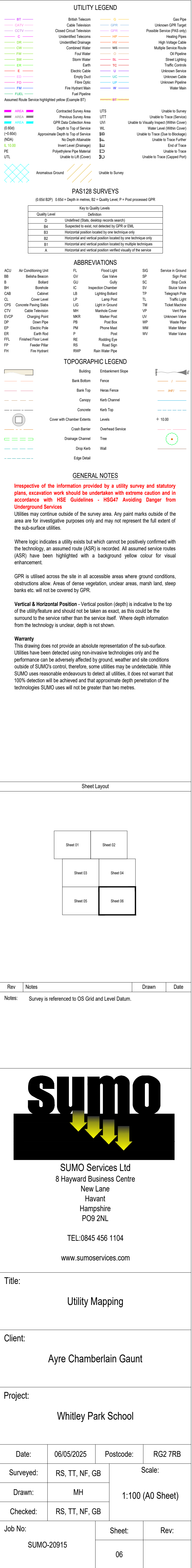
|                     |                |                  |         |
|---------------------|----------------|------------------|---------|
| Whitley Park School |                |                  |         |
| Date:               | 06/05/2025     | Postcode:        | RG2 7RB |
| Surveyed:           | RS, TT, NF, GB | Scale:           |         |
| Drawn:              | MH             | 1:100 (A0 Sheet) |         |
|                     |                |                  |         |

|          |                |        |      |
|----------|----------------|--------|------|
| Checked: | RS, TT, NF, GB |        |      |
| Job No:  | SUMO-20915     | Sheet: | Rev: |
|          |                | 02     |      |











[illegible]

### PAS128 SURVEYS

(J: RSD RDP) E: S&S + Depth in metres, Q2 + Quality Level, P = Post-processed GPR

| Key to Quality Levels |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Quality Level         | Definition                                                        |
| Q1                    | Undefined (Sited, desktop records search)                         |
| Q2                    | Suspected to exist, not detected by GPR or EM.                    |
| Q3                    | Horizontal position located by one sub-range only                 |
| Q4                    | Horizontal and vertical position located by one technique only    |
| Q5                    | Horizontal and vertical position located by multiple techniques   |
| A1                    | Horizontal and vertical position verified visually of the service |

| ABBREVIATIONS |                       |     |                   |     |                   |
|---------------|-----------------------|-----|-------------------|-----|-------------------|
| A2U           | Air Conditioning Unit | FL  | Flood Light       | SG  | Service in Ground |
| BH            | Behrle Beacon         | GV  | Gas Valve         | SP  | Stop Post         |
| B             | Bolt                  | GU  | Gully             | SGP | Sign Post         |
| BS            | Bush                  | IC  | Inspector Chamber | SV  | Stone Valve       |
| CAS           | Cable                 | LB  | Lighting Bolt     | TL  | Telephone Pole    |
| CL            | Cover Level           | LP  | Lamp Post         | TL  | Traffic Light     |
| CCP           | Concrete Paving Slab  | LI  | Light in Ground   | TM  | Token Machine     |
| CC            | Cable Television      | MR  | Meter Room        | VP  | Valve Post        |
| CVCP          | Clanging Post         | MR  | Master Post       | VP  | Unknown Valve     |
| CH            | Chimney               | PS  | Post Box          | VM  | Valve Machine     |
| ED            | Electric Pole         | PM  | Phone Mast        | WM  | Water Meter       |
| ER            | Earth Post            | P   | Post              | WM  | Water Valve       |
| FH            | Frashed Post          | RS  | Rodding Eye       |     |                   |
| FP            | Fireman Pill          | RS  | Rod Sign          |     |                   |
| FE            | Fire Hydrant          | RWP | Rain Water Pipe   |     |                   |

### TOPOGRAPHIC LEGEND

|  |                            |  |                  |
|--|----------------------------|--|------------------|
|  | Building                   |  | Embankment Slope |
|  | Bark Bottom                |  | Fence            |
|  | Bark Top                   |  | Horse Fence      |
|  | Canopy                     |  | Kirk Channel     |
|  | Concrete                   |  | Kirk Top         |
|  | Cover with Chamber Externs |  | Limits           |
|  | Cush Barrier               |  | Overhead Service |
|  | Drainage Channel           |  | Tree             |
|  | Drop Kirk                  |  | Wall             |
|  | Edge Detail                |  |                  |

## GENERAL NOTES

**Irrespective of the information provided by a utility surveyer and statutory plans, excavation work should be undertaken with extreme caution and in accordance with HSE Guidelines - H5047 Avoiding Danger from Underground Services**

**Utilities may continue outside of the survey area. Any point marks outside of the area are for negative purposes only and may not represent the full extent of the sub-surface utilities.**

Where logic indicates a utility exists but which cannot be positively confirmed with the technology, an assumed route (ASR) is recorded. All assumed service routes (ASR) have been highlighted with a background yellow colour for visual enhancement.

GPR is utilized across the site in all accessible areas where ground conditions, obstructions allow. Areas of dense vegetation, unclear areas, marsh land, steep banks etc. will not be covered by GPR.

**Vertical & Horizontal Position** - Vertical position (depth) is indicative to the top of the utility feature and should not be taken as exact, as this could be the sumround to the service rather than the service itself. Where depth information from the technology is unclear, depth is not shown.

**Warning**

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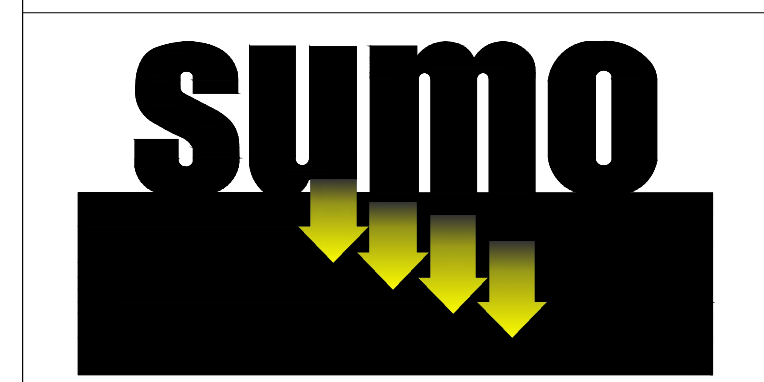
Diagram illustrating the layout of sheets in a book. The sheets are arranged in a 2x2 grid:

- Top-left: Sheet 01
- Top-right: Sheet 02 (highlighted with a thick border)
- Bottom-left: Sheet 03
- Bottom-right: Sheet 04

Below this grid, two additional sheets are shown, labeled Sheet 05 and Sheet 06, indicating a continuation of the layout.

A blank coordinate plane with x and y axes ranging from -5 to 5. The x-axis is labeled with -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5. The y-axis is labeled with -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5.

| Rev | Notes                                                   | Drawn | Date |
|-----|---------------------------------------------------------|-------|------|
|     | Notes: Survey is referenced to OS Grid and Level Datum. |       |      |



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PO9 2NL

TEL:0845 456 1104

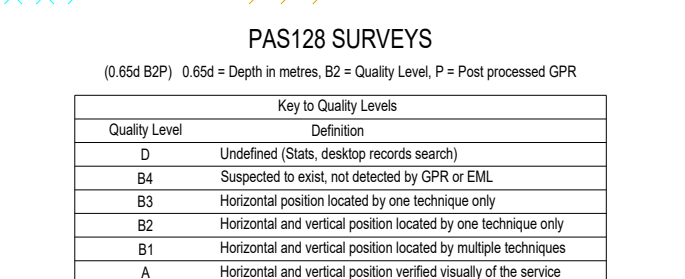
[www.sumoservices.com](http://www.sumoservices.com)

Title: Topographic Survey

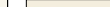
Client: Ayre Chamberlain Gaunt

Project: Whitley Park School

|                           |                |                                |         |
|---------------------------|----------------|--------------------------------|---------|
| Date:                     | 06/05/2025     | Postcode:                      | RG2 7RB |
| Surveyed:                 | RS, TT, NF, GB | Scale:<br><br>1:100 (A0 Sheet) |         |
| Drawn:                    | MH             |                                |         |
| Checked:                  | RS, TT, NF, GB |                                |         |
| Job No:<br><br>SUMO-20915 |                | Sheet:<br><br>02               | Rev:    |



|     |                       |     |                   |     |                   |
|-----|-----------------------|-----|-------------------|-----|-------------------|
| ACU | Air Conditioning Unit | FL  | Flood Light       | SIG | Service in Ground |
| BDV | Belted Beacon         | GV  | Gas Valve         | SP  | Sign Post         |
| B   | Bulard                | GL  | Gully             | SC  | Stop Cook         |
| HC  | Hand Car              | IS  | Inspector Chamber | SV  | Stuck Valve       |
| CAB | Cable                 | LB  | Lifting Beam      | TP  | Telephone Pole    |
| CL  | Cover Level           | LP  | Lamp Post         | TL  | Traffic Light     |
| SCS | Concrete Paving Slab  | LFG | Light in Ground   | TML | Ticket Machine    |
| CTV | Cable Television      | MH  | Manhole Cover     | UP  | Up Vent           |
| CHP | Chasing Pipe          | MMR | Motor Pole        | UV  | Under Valve       |
| CD  | Cover Down Pipe       | PM  | Post Box          | WP  | Waste Pipe        |
| ED  | Electric Pole         | PM  | Phone Mast        | WM  | Water Meter       |
| EP  | Earth Rod             | P   | Post              | WV  | Water Valve       |
| FP  | Finished Floor Level  | RC  | Rodding Eye       |     |                   |
| FW  | Firewater Pipe        | RSP | Road Sign         |     |                   |
| FF  | Fan Hydrant           | RVP | Rain Water Pipe   |     |                   |

|                                                                                     |                            |                  |                                                                                     |
|-------------------------------------------------------------------------------------|----------------------------|------------------|-------------------------------------------------------------------------------------|
|  | Building                   | Embarkment Slope |  |
|  | Bank Bottom                | Fence            |  |
|  | Bank Top                   | Wedge Fence      |  |
|  | Canopy                     | Kerb Channel     |  |
|  | Concrete                   | Kerb Top         |  |
|  | Cover with Chamber Externs | Limits           |  |
|  | Crash Barrier              | Overhead Service |  |
|  | Drainage Channel           | Tree             |  |
|  | Drop Kerb                  | Wall             |  |
|  | Edge Detail                |                  |                                                                                     |

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GPR is utilised across the site in all accessible areas where ground conditions, obstructions allow. Areas of dense vegetation, unclear areas, marsh land, steep banks etc. will not be covered by GPR.

**Vertical & Horizontal Position** - Vertical position (depth) is indicative to the top of the utility feature and should not be taken as exact, as this could be the surround to the service rather than the service itself. Where depth information from the technology is unclear, depth is not shown.

**Warranty**

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Diagram illustrating the arrangement of sheets in a book:

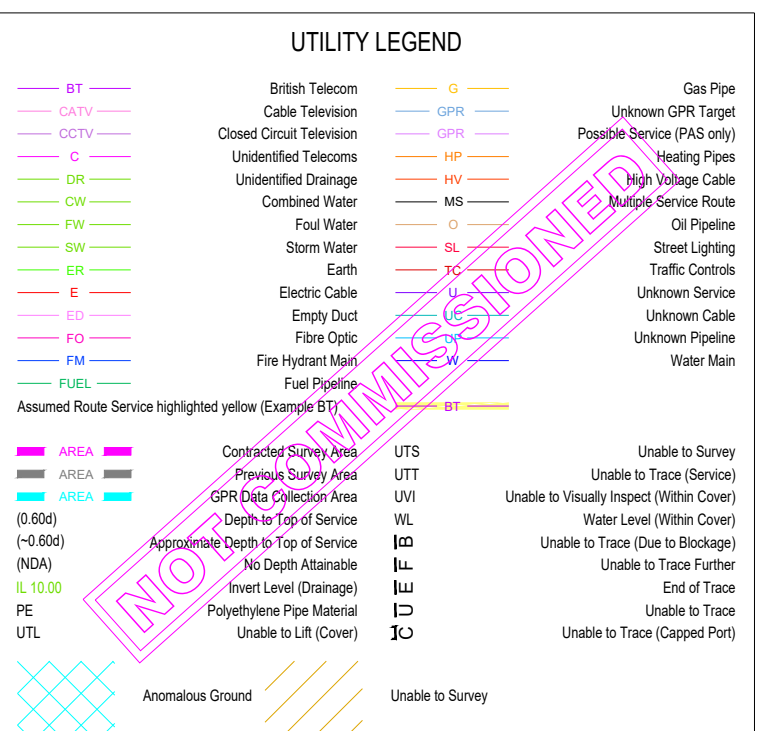
- Top row: Sheet 01, Sheet 02
- Middle row: Sheet 03 (highlighted with a thick black border), Sheet 04
- Bottom row: Sheet 05, Sheet 06



|           |                |        |
|-----------|----------------|--------|
| Surveyed: | RS, TI, NF, GB | Scale: |
|           |                |        |

|         |        |       |
|---------|--------|-------|
| Job No: | Sheet: | Draw: |
|---------|--------|-------|

|  |    |  |
|--|----|--|
|  | 33 |  |
|--|----|--|



### PAS128 SURVEYS

(I) BSA (SD) E (SE) Depth in metres, (Q) = Quality Level, P = Post processed (PP)

| Key to Quality Levels |                                                                   |
|-----------------------|-------------------------------------------------------------------|
| Quality Level         | Definition                                                        |
| 0                     | Undefined (Status, desktop records search)                        |
| G4                    | Suspected to exist, not detected by EPR or EM.                    |
| G3                    | Horizontal position located by one technique only                 |
| G2                    | Horizontal and vertical position located by one technique only    |
| G1                    | Horizontal and vertical position located by multiple techniques   |
| A                     | Horizontal and vertical position verified visually of the service |

| ABBREVIATIONS |                       |     |                    |    |                   |
|---------------|-----------------------|-----|--------------------|----|-------------------|
| ACU           | Air Conditioning Unit | FL  | Float Light        | SG | Service in Ground |
| BD            | Belted Brake          | GV  | Gas Valve          | SP | Stop Post         |
| B             | Bolt                  | CU  | Cooling Unit       | SC | Shut Cock         |
| CB            | Cable                 | IC  | Inspection Chamber | SV | Shut Valve        |
| CAB           | Cabinet               | LB  | Lighting Bolt      | TP | Tie Plug          |
| CC            | Control Panel         | LP  | Long Pipe          | TL | Tie Light         |
| CG            | Cover Plate           | LIG | Light in Ground    | TB | Tie Block         |
| CTV           | Cable Television      | MH  | Manhole Cover      | VP | Vent Pipe         |
| ECP           | Chasing Pipe          | MNR | Marker Post        | VV | Unknown Valve     |
| EP            | Electric Pipe         | PS  | Post Box           | WP | Water Pipe        |
| ER            | Electric Rod          | PP  | Phone Mast         | WW | Water Meter       |
| GF            | Ground Floor          | P   | Post               | WV | Water Valve       |
| FT            | Friction Free Type    | RS  | Rolling Eye        |    |                   |
| FF            | Feeder Pipe           | RSF | Road Sign          |    |                   |
| FH            | Fire Hydrant          | RWP | Rain Water Pipe    |    |                   |

### TOPOGRAPHIC LEGEND

|  |                           |  |                  |
|--|---------------------------|--|------------------|
|  | Building                  |  | Slope            |
|  | Bank Bottom               |  | Fence            |
|  | Bank Top                  |  | Hess Fence       |
|  | Canopy                    |  | Kerb Channel     |
|  | Concrete                  |  | Kerb Top         |
|  | Cover with Chamber Levels |  | Levels           |
|  | Cush Barrier              |  | Overhead Service |
|  | Drainage Channel          |  | Tree             |
|  | Drop Kerb                 |  | Wall             |
|  | Edge Detail               |  |                  |

### GENERAL NOTES

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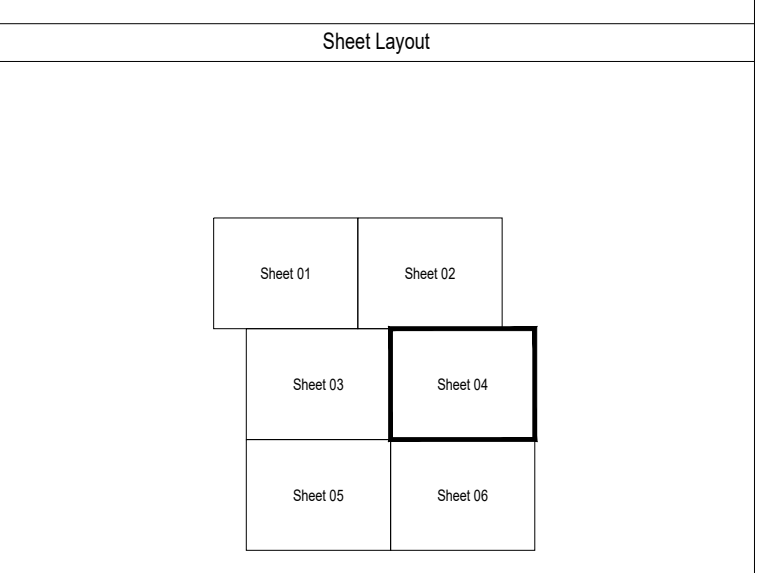
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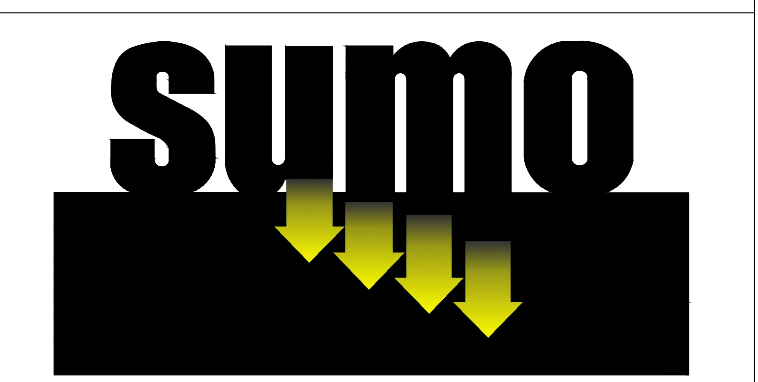
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|                                                         |       |       |      |
|---------------------------------------------------------|-------|-------|------|
| Rev                                                     | Notes | Drawn | Date |
| Notes: Survey is referenced to OS Grid and Level Datum. |       |       |      |



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Title: Topographic Survey

1000

Client:

Ayre Chamberlain Gaunt

Project: Whitley Park School

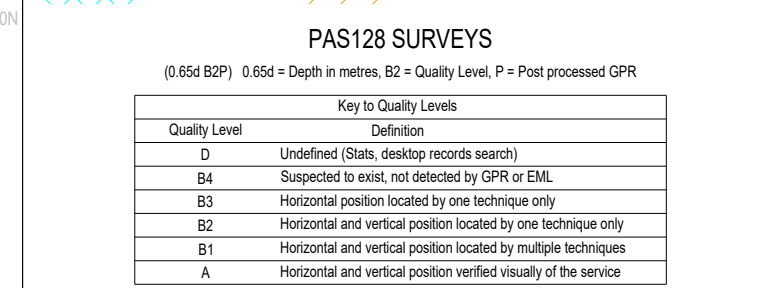
|                        |  |  |  |
|------------------------|--|--|--|
| Primary 7 and 8 School |  |  |  |
|                        |  |  |  |

|           |                |           |         |
|-----------|----------------|-----------|---------|
| Date:     | 06/05/2025     | Postcode: | RG2 7RB |
| Surveyed: | RS, TT, NF, GB | Scale:    |         |

|          |                |                  |
|----------|----------------|------------------|
| Drawn:   | MH             | 1:100 (A0 Sheet) |
| Checked: | RS, TT, NF, GB |                  |

|            |        |      |
|------------|--------|------|
| Job No:    | Sheet: | Rev: |
| SUMQ-20915 |        |      |

|  |    |  |
|--|----|--|
|  | 04 |  |
|--|----|--|



## TOPOGRAPHIC LEGEND

|  |                            |                  |  |
|--|----------------------------|------------------|--|
|  | Building                   | Embankment Slope |  |
|  | Bank Bottom                | Fence            |  |
|  | Bank Top                   | Hess Fence       |  |
|  | Canopy                     | Mark Channel     |  |
|  | Caravans                   | Mark Top         |  |
|  | Cover with Chamber Extends | Levels           |  |
|  | Coach Barrier              | Overhead Service |  |
|  | Drainage Channel           | Tree             |  |
|  | Drop Kerb                  | Wall             |  |
|  | Edge Detail                |                  |  |

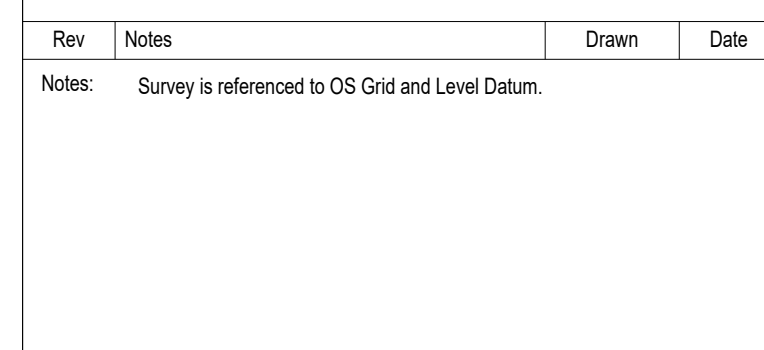
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Client: Ayre Chamberlain Gaunt

|           |                |                                |         |
|-----------|----------------|--------------------------------|---------|
| Date:     | 06/05/2025     | Postcode:                      | RG2 7RB |
| Surveyed: | RS, TT, NF, GB | Scale:<br><br>1:100 (A0 Sheet) |         |
| Drawn:    | MH             |                                |         |
| Checked:  | RS, TT, NF, GB |                                |         |

|            |        |      |
|------------|--------|------|
| Job No:    | Sheet: | Rev: |
| SUMO-20915 | 05     |      |

