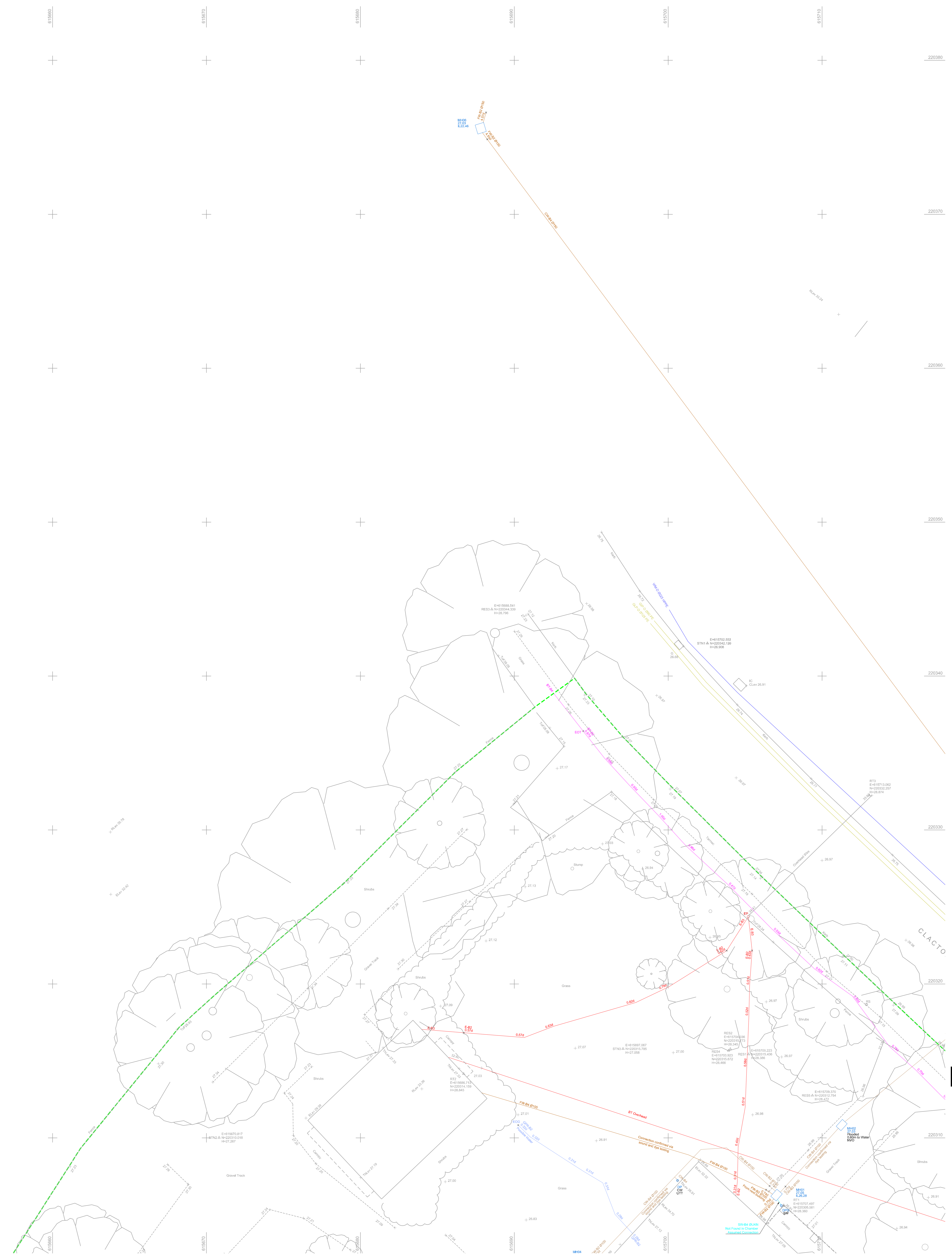


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**PLEASE NOTE:**  
Topographical plan and Utility assets records supplied by client.



| LEGEND<br>Utility Survey Point Features |                     |    |                    |       |                    |
|---|---------------------|----|--------------------|-------|--------------------|
| AV                                      | Air Valve           | GR | Gully Round        | MH    | MH - Round         |
| BB                                      | Belisha Beacon      | IC | IC                 | MH    | MH - Surface Water |
| CP                                      | CCTV Camera Pole    | IC | IC - Comms         | MK    | Marker Post        |
| CR                                      | Cable Riser         | IC | IC - Electric      | 12.24 | Pipe Riser         |
| DP                                      | Down Pipe           | IC | IC - Round         | RL    | Recessed Light     |
| DPG                                     | Down Pipe To Ground | IC | IC - Telecom       | RE    | Recessed Eye       |
| EP                                      | Electrical Pole     | IC | IC - TCSUTFL       | RE    | Rodding Eye        |
| ER                                      | Earth Rod           | IC | IC - CATV          | TL    | Traffic Light      |
| FP                                      | Fire Hydrant        | LP | Lamp Post          | TP    | Telegraph Pole     |
| GM                                      | Gas Meter           | MH | MH                 | V     | Valve General      |
| GV                                      | Gas Valve           | MH | MH - District Heat | WM    | Water Meter        |
| G                                       | Gully               | MH | MH - Foul          | WV    | Water Valve        |

| Utility Survey Linework Features |                             |      |  |
|----------------------------------|-----------------------------|------|--|
| BT                               | British Telecom             | EHV  | Electrical - Extra High Voltage          |
| CATV                             | Cable TV                    | HV   | Electrical - High Voltage                |
| CCTV                             | Closed Circuit TV           | LV   | Electrical - Low Voltage                 |
| COMMS                            | Communications              | TFL  | Electrical - TFL                         |
| FOL                              | Fibre Optic Line            | SL   | Street Lighting                          |
| FOLC                             | Fibre Optic Line - Cot      | TCSU | Traffic Control System Unit              |
| FOLE                             | Fibre Optic Line - Energis  | G    | Gas                                      |
| FOLF                             | Fibre Optic Line - Fibernet | GLP  | Gas Low Pressure                         |
| FOLL                             | Fibre Optic Line - Level 3  | GLP  | Gas Intermediate Pressure                |
| FOLM                             | Fibre Optic Line - Mercury  | GLM  | Gas Medium Pressure                      |
| FOLMF                            | Fibre Optic Line - MFS/C    | GLP  | Gas High Pressure                        |
| FOLT                             | Fibre Optic Line - Tanet    | GLP  | Gas High Pressure                        |
| FOLV                             | Fibre Optic Line - Virgin   | ED   | Empty Duct                               |
| FOLVF                            | Fibre Optic Line - Vodafone | GPR  | GPR Anomaly                              |
| FOLVN                            | Fibre Optic Line - Verizon  | GPR  | GPR Anomaly                              |
| FOLVW                            | Fibre Optic Line - WCOM     | UA   | Unknown Asset                            |
| TS                               | Telecom Service             | UAPS | UA Passive Sweep                         |
|                                  |                             | UCL  | Unknown Cable                            |
|                                  |                             |      | GPR Slab                                 |
|                                  |                             |      | GPR Survey Area                          |
|                                  |                             |      | GPR buried structure                     |
|                                  |                             |      | GPR Reinforced Slab                      |
|                                  |                             |      | GPR interface layer (change in material) |
|                                  |                             |      | Other                                    |
|                                  |                             |      | District Heat                            |
|                                  |                             |      | Fuel Pipe                                |
|                                  |                             |      | Decommissioned/Abandoned                 |
|                                  |                             |      | Manhole Chamber                          |
|                                  |                             |      | Manhole ID                               |
|                                  |                             |      | Pot End                                  |
|                                  |                             |      | Scope of Works                           |

| PAS128 Quality Levels<br>(Consult document 'PAS128-2014.pdf' for full details) |                   |          |                   |
|--|-------------------|----------|-------------------|
| XX - A   | Quality Level A   | XX - B3  | Quality Level B3  |
| XX - B1  | Quality Level B1  | XX - B3P | Quality Level B3P |
| XX - B1P   | Quality Level B1P | XX - B4  | Quality Level B4  |
| XX - B2  | Quality Level B2  | XX - C   | Quality Level C   |
| XX - B2P   | Quality Level B2P | XX - D   | Quality Level D   |

| Special Survey Features |                |               |             |
|-------------------------|----------------|---------------|-------------|
| E-XXXX-XXX              | Survey Station | E-XXXX-XXX    | Scan Target |
| ID A N-YYYY-YYY         | Survey Station | ID N-YYYY-YYY | Scan Target |
| H-ZZZ ZZZ               |                | H-ZZZ ZZZ     |             |

| Utility Survey Abbreviations |                               |     |                        |
|------------------------------|-------------------------------|-----|------------------------|
| AB                           | Abandoned                     | MH  | Manhole                |
| AR                           | Assumed Route                 | OE  | Overhead Electric      |
| BI                           | Illuminated Bollard           | OT  | Overhead Telecom       |
| CL                           | Cover Level                   | SOF | Soft Level             |
| CPD                          | Capped                        | TFS | Taken From Records     |
| CUT                          | Disconnected Utility          | TVM | Ticket Vending Machine |
| ED                           | End of GPR Signal             | UTO | Unable to Open         |
| EOT                          | End of Trace                  | UTS | Unable to Survey       |
| IC                           | Inspection Cover              | UKN | Unknown                |
| IL                           | Invert Level                  | WL  | Water Level            |
| CSER                         | Confined Space Entry Required | XXd | Service Depth          |

| Utility Material Abbreviations |                 |     |              |
|--------------------------------|-----------------|-----|--------------|
| AC                             | Asbestos Cement | CO  | Concrete     |
| BC                             | Brick Chamber   | DI  | Ductile Iro  |
| CI                             | Cast Iron       | PE  | Polyethylene |
|                                |                 | SI  | Spun Iron    |
|                                |                 | ST  | Steel        |
|                                |                 | WTR | Water        |

| Level Measured For        | Level Measured For         |
|---------------------------|----------------------------|
| Ducts/Pipes At Pits Is To | Drainage                   |
| Top of The Service        | At Pits Is To Invert Level |
|                           | Of The Service             |

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| Location Plan |   |  |  |
|---------------|---|--|--|
| 1             | 2 |  |  |
| 3             | 4 |  |  |
| 5             |   |  |  |

| Revisions |             |               |               |               |
|-----------|-------------|---------------|---------------|---------------|
| Rev       | Description | Surveyed by   | Drawn by      | Checked by    |
| A         | First Issue | LL - 23/06/23 | BK - 04/07/23 | DG - 04/07/23 |



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| Birmingham                           | Glasgow    |
| Belfast                              | Cork       |
| Kildare                              |            |

|                |  |
|----------------|--|
| Client         | LNT Construction Ltd   |
| Project        | The Towers, Clacton Road, Wexley Heath<br>CO16 4J Utilities and CCTV surveys |
| Site Address   | Clacton Road,<br>Clacton-on-Sea,<br>CO16 9EF                                 |
| Description    | Underground Utility Survey (PAS128)  |
| Survey Grid    | Localised OSGB36(15) - Scale Factor 1.0                                      |
| Survey Datum   | GNSS - Ordnance Datum Newlyn (ODN)   |
| RICS Band      | Band E   |
| Drawing Scale  | 1:100 @A0  |
| Drawing Number | MGS53500-U-A11-01  |