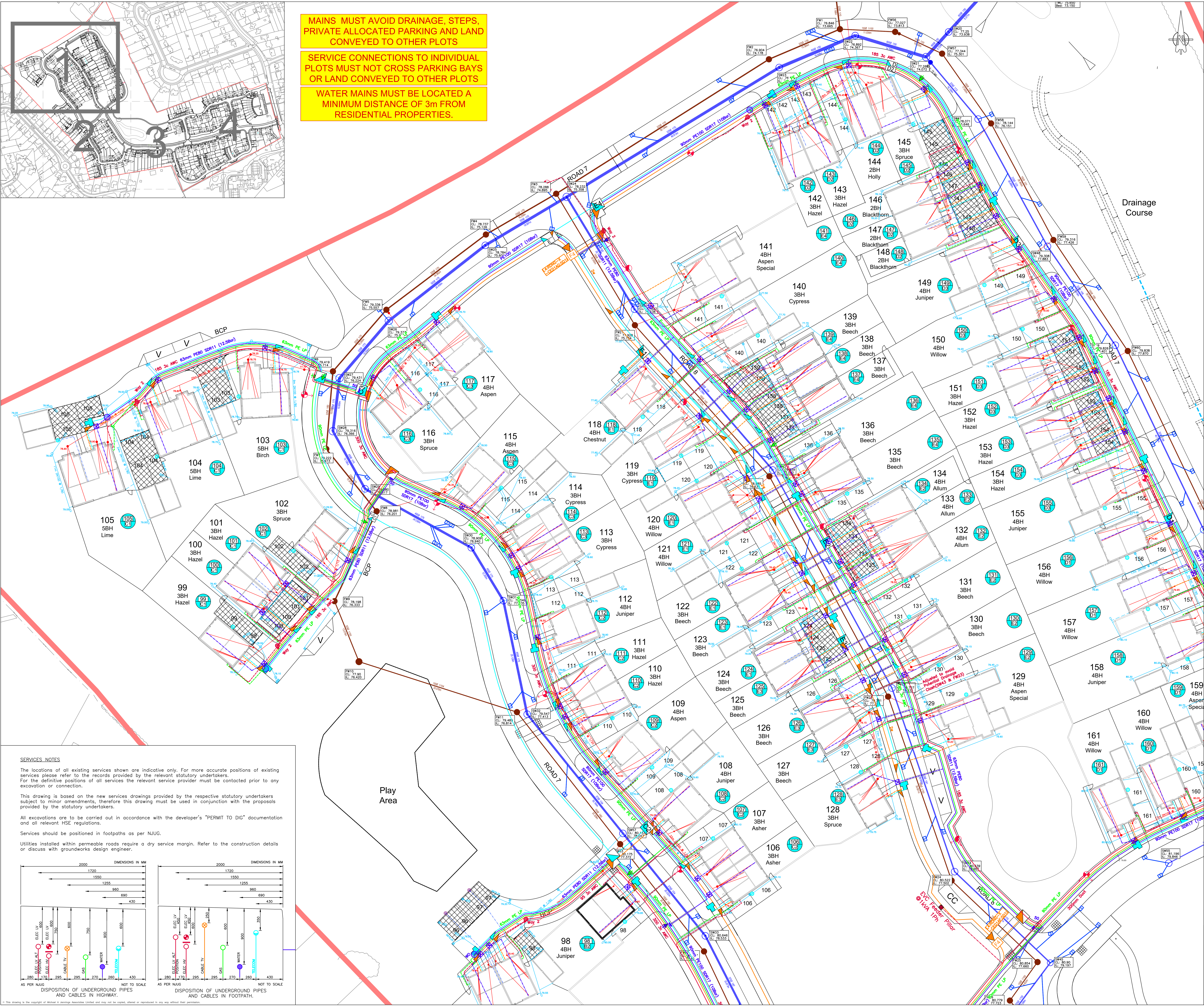




**MAINS MUST AVOID DRAINAGE, STEPS, PRIVATE ALLOCATED PARKING AND LAND CONVEYED TO OTHER PLOTS**

**SERVICE CONNECTIONS TO INDIVIDUAL PLOTS MUST NOT CROSS PARKING BAYS OR LAND CONVEYED TO OTHER PLOTS**

**WATER MAINS MUST BE LOCATED A MINIMUM DISTANCE OF 3m FROM RESIDENTIAL PROPERTIES.**



**STATUTORY UNDERTAKERS KEY**

**Openreach**

- Existing Main
- Proposed 90mm PVC Duct
- Service connections
- Proposed Duct 54/56 Reducer
- Duct TEE
- Distribution Point
- Proposed Box AGG
- Proposed Box FDP12
- Proposed Box CBT8
- Proposed Box Splitter C
- Proposed Box Splitter S
- Proposed Box IJ (B)
- Proposed Joint Box

**Icosa Water/UKPS**

- Existing Main
- Proposed Main
- Plot connections
- Indicative Service connections
- Washout Hydrant
- Sluice Valve (Size as shown)
- Proposed customer meter
- Manifold with No. of ports
- 50mm Services Duct (unless shown)
- Diameter/Material Change
- Stop Tap
- Non Return Tap
- Bulk meter
- Strainer
- Large Diameter Meter

**UKPS-GAS**

- Existing LP Main
- Proposed LP Main
- Service connections
- 100mm Services Duct (unless shown)
- Diameter Change

**Virgin Media**

- Existing Main
- 96mm Duct to be laid by the developer with No. of ducts 1W unless shown.
- 1x54mm to be laid by developer
- Swept-TEE to be installed by developer
- Chamber to be built by developer (FW4 or FW2)
- Proposed L4/L5 Cabinet or Lockbox to be erected by Virgin Media
- Proposed L3 Cabinet or Lockbox to be erected by Virgin Media
- Proposed SFF Vhub Cabinet to be erected by Virgin Media

**UKPS-ELECTRIC**

- Existing HV Cable
- Proposed HV Main
- Proposed LV Main
- Service connections
- 38mm Services Duct (unless shown)
- Breach Joint (MBJ)
- Pot End + Earthing
- Air Source Heat Pumps
- Private Feeder Pillar
- Proposed adoptable street lighting
- Proposed Illuminated Bollard
- Wall mounted EV Point
- EV Pillar (Private)
- EV Pillar (managed by external (Man. Co or 3rd))

**PARCEL BOUNDARY**

**DRAINAGE KEY**

**Proposed Adoptable Sewers:**

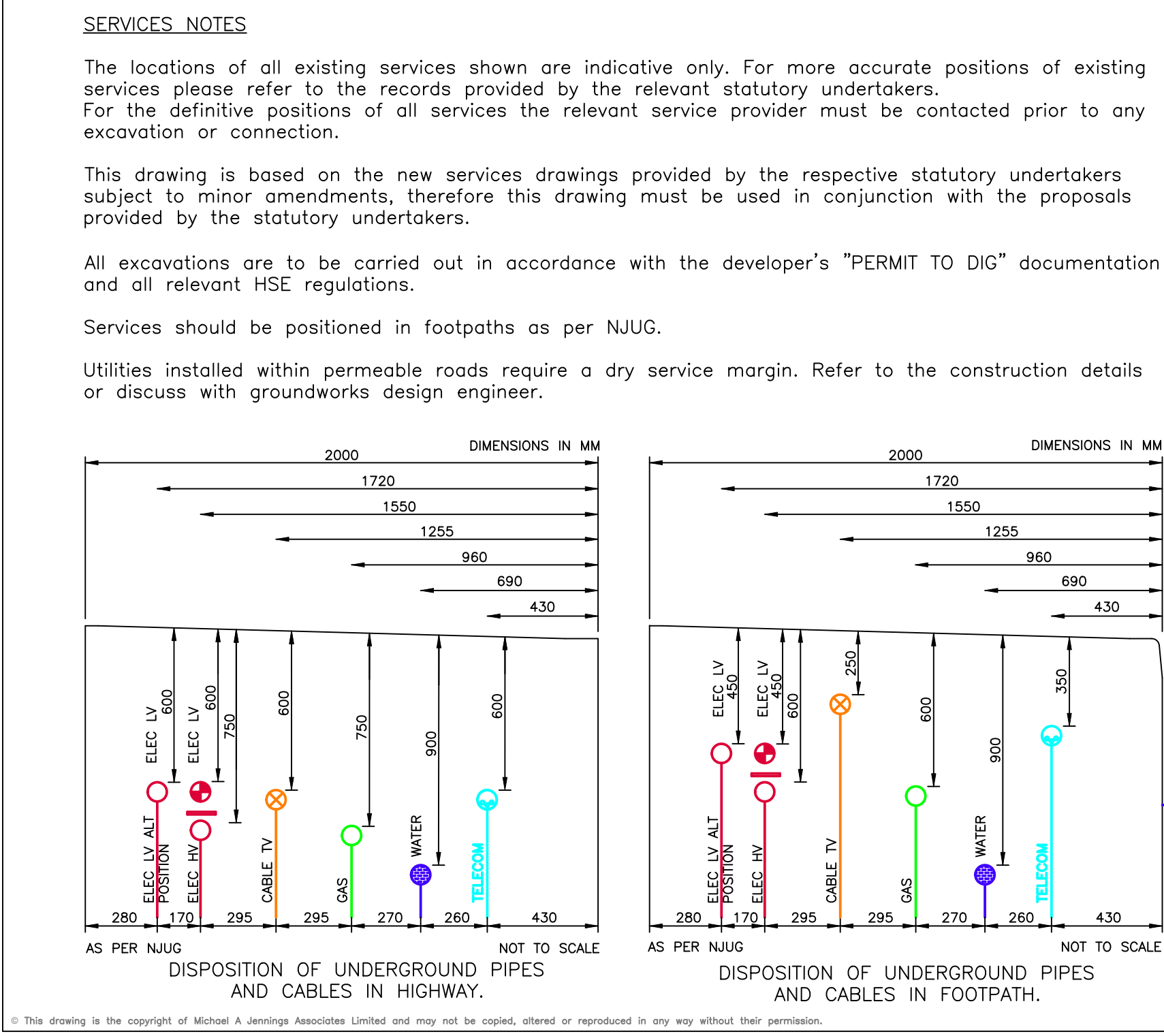
- Foul sewer
- Storm sewer
- Highway Gully
- Rising Main
- Adoptable Lateral (150mm dia)
- Adoptable Access Chamber

**Proposed Private Drainage:**

- Foul drain
- Storm drain
- Rodding eye
- Tandem gully
- Linear drain
- PCC 900x450mm Gully
- Fermovoid
- Surface Water Collector & Distribution Cell

| SERVICES COMPANY DRAWING                                          |              |                                            |           |          |                |
|-------------------------------------------------------------------|--------------|--------------------------------------------|-----------|----------|----------------|
| This drawing is based upon the following service company drawings |              |                                            |           |          |                |
| Services                                                          | Company      | Drawing Number                             | Revision  | Date     | Drawing Status |
| BT                                                                | Openreach    | CAV_005 Proposal Issue 1                   | Not given | 02/06/22 | Not given      |
| Water                                                             | Thames Water | 50285659                                   | 1         | 27/01/23 | Not given      |
| Water                                                             | UKPS         | UKP110607- DWG380                          | 0         | 17/02/23 | For approval   |
| Gas                                                               | UKPS         | UKP110607- DWG380                          | 1         | 03/03/23 | For approval   |
| Fibre                                                             | Virgin Media | NBU278750 Onsite Civils 1, 2 & VM Civils 1 | 1         | Nov 2022 | Not given      |
| Electric                                                          | UKPS         | UKP110607- DWG300                          | 2         | 16/03/23 | For approval   |

**REFER TO SERVICE COMPANY DRAWINGS LISTED ABOVE FOR DETAILS OF DUCT REQUIREMENTS**  
Drawing may vary from supplied layouts so as to accord with NUIG requirements, to avoid drainage, to suit latest service entry points or to rationalise schematic service routes.  
Agreement of service company on final layout and any amendments to be sought before commencing works.



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|                                                        |                                             |                         |             |                  |
|--------------------------------------------------------|---------------------------------------------|-------------------------|-------------|------------------|
| P1                                                     | 06/04/23                                    | First issue.            | MD          | DLT              |
| REV. No.                                               | DATE                                        | DESCRIPTION             | DRAWN       | CHECKED          |
| Client                                                 | MJA CONSULTING CIVIL & STRUCTURAL ENGINEERS |                         |             |                  |
| Project                                                | Vistry Group                                |                         |             |                  |
| Title                                                  | GC Kidmore End Road Emmer Green, Reading    |                         |             |                  |
| Scale:                                                 | 1:250 @ A0                                  | Status:                 | PRELIMINARY |                  |
| Drawn:                                                 | MD                                          | Project Engineer:       | MJA         | Date: 23/03/2023 |
| Drawing Number:                                        | 6452                                        | Project No:             | 6452        | Rev: P1          |
| Combined Services & Drainage Information Layout 1 of 4 |                                             | 6452-MJA-SW-XX-DR-C-756 |             |                  |