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| --- | --- | --- |
| Project No. |  |  |
| Drawing No (& Rev No): | CH Start: | CH Finish: |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Inspection Stage** | **Inspection** | | | |
| **N/A or Ö** | **Initials** | **Date** | **Comments** |
| 1 | Pull Pit/ intermediate line points set out by surveyor |  |  |  | Survey Receipt |
| 2 | All existing services exposed and identified before trenching |  |  |  |  |
| 3 | Trench must be made safe before any person may enter the trench |  |  |  | Trench depth > 1.5m must be shored or battered. |
| 4 | Base of trench is clean and inspected by engineer |  |  |  | Base to be as flat as possible |
| 5 | Bedding material to be placed in layers 100mm thick |  |  |  | Lab test 85% of MDD (CIV=8) or 95% of MDD under carriageway  Frequency 1/20m |
| 6 | Glue ducts together and lower carefully into trench. |  |  |  | All open ends shall be taped up to prevent material entering |
| 7 | Guide wire installed in ducts before lowered into the trench |  |  |  |  |
| 8 | As built survey every 20m |  |  |  | Must pick up all changes in direction |
| 9 | Ensure 50mm gap between ducts sitting in the base of trench |  |  |  | Check gaps before backfilling |
| 10 | Ensure backfill material is suitable and un-contaminated. Compacted and tested in 200mm lifts |  |  |  | Footpath/Berm - Backfill with excavated material. CIV 8 required.  Carriageway – Hardfill (GAP65) 95% of MDD |
| 11 | Warning Tape to be installed 200mm above the top ducts |  |  |  |  |
| **Comments:**   |  |  |  | | --- | --- | --- | | Grade = | (IL2-IL1) | X100 | | Length | |  |  |  | |  |  |  | |  |   Grade =  Length =  IL2=  IL1= | | | | | |
| The above works have been inspected and are considered compliant with the drawings, specifications and instructions | | | | | |
| Name: | | | Position: | | |
| Sign: | | | Date: | | |

**Trench Cross Section**

Backfill Material Type & Source

Backfill

(m)

Warning Tape 200mm above top of duct

100mm

100mm

Bedding layer Material Type & Source

(m)