

Operational Instructions

OI - 3.2 | Mains Drainage

Revision: B

Section: 3.0 - Infrastructure Stage 1

Visual Aids



Information

Task Specific Safety Checks & Notes	Operational Checks
● In the first instance, please ensure you have referred to your site-specific Risk Assessments & Method Statements (RAMS) ● Work areas are to be segregated in accordance with MIDA Operational Standard - 2.12 - Excavation Access - Excavations Over 950mm	● Before commencing drainage, have we had soil samples and material test results to confirm the suitability of as-raised material for backfilling? ● Proprietary shoring equipment is to be installed as per manufacturers guidelines ● Bedding material is to be in line with specification: ○ 10mm Gravel – Max. Dia 150mm ○ 20mm Gravel – 225mm to 750mm ○ 40mm Gravel – 825mm Upwards ● Check the long section drawings for concrete capping – as a rule, all pipework that has 1.2m or less cover from finished road level to soffit of pipe, is to have a concrete cover slab installed ● Concrete pipes are to have gully positions cored before being installed – cores to be at “11-O’Clock” & “12-O’Clock” ● Ensure rocker lengths are cut the correct length ● Air tests are to be carried out in line with MIDA Operational Standard - 3.1 - Pipe Testing ● In the first instance, trench backfill is to utilise as-raised material, unless specified by the Adopting Authority ● Ensure trenches are backfilled to Series 600 specification utilising the correct plant: ○ Compaction Wheel for clay material – ensure this is checked with highways as some Adopting Authorities don’t allow the use of non-mechanical compaction equipment ○ Trench Rammax for sands & gravels
QA Checks & Actions	Operational Standard - References
● Air tests are to be carried out in stages as per MIDA Operational Standard - 3.1 - Pipe Testing ● Photograph the completed area and include in your photographic daily diary	● MIDA Operational Standard - 2.12 - Excavation Access - Excavations Over 950mm ● MIDA Operational Standard - 3.1 - Pipe Testing