

Operational Instructions

OI - 3.3 | Adoptable Manholes

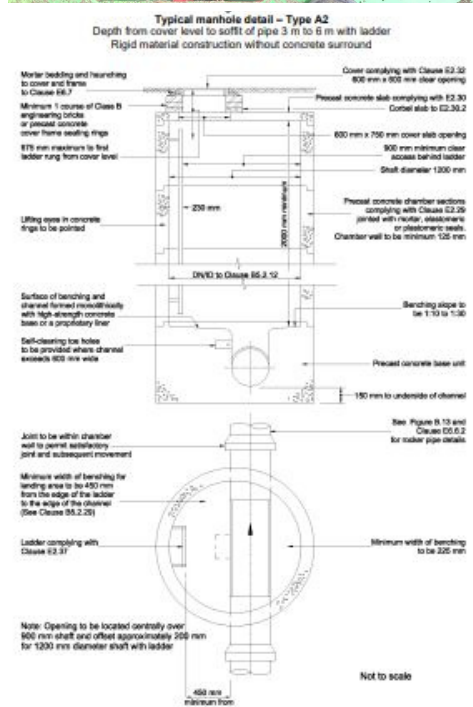
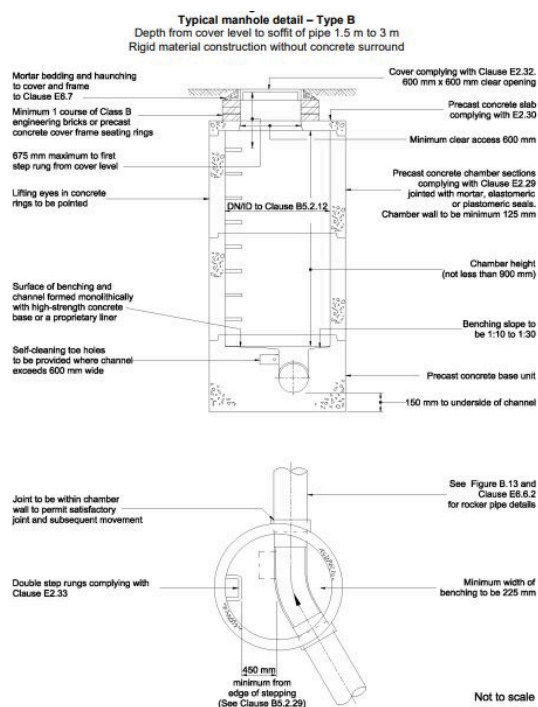
Revision:

C

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) ● Should you require access to completed manholes, ensure correctly trained operatives and confined space entry equipment is employed ● Work areas are to be segregated in accordance with MIDA Operational Standard - 2.10 - Segregation & Edge Protection - Excavations Over 950mm	● Proprietary shoring equipment is to be installed as per manufacturers guidelines ● All traditional manholes are to be benched and sealed once the first ring has been installed – ensure that benching is installed at the correct angles and with neatly finished channels ● Chain lengths must be considered when lifting pre formed bases ● When concrete surrounds are required on traditional manholes, ensure the concrete mix is as specified and a vibrating poker is used to remove air voids ● Note: no step irons are required for manholes over 3m ● Before the biscuit is placed, ensure that all internal lifting eyes are pointed ● Where pre-formed bases and wide-wall rings are utilised, ensure that the correct seals are installed between the rings ● When installing rings, ensure that the step irons line up with landing platforms ● When installing raising sections, ensure that the finished cover level is considered – when complete, the manhole must have a minimum of one raising section and 675mm maximum to first step - landing platforms a minimum of 450mm from edge of steps ● Before placing ironwork – have we checked that the correct badges are installed? “SW” for Storm and “FW” for Foul ● Ensure manhole covers are left 30mm lower than the finished binder course level – this protects the ironwork throughout the construction process ● Manholes are to be backfilled / reinstated around the edges ASAP and suitable covers such as road plates are to be installed to prevent unauthorised access / slips, trips and falls. Where this is not possible the manhole is to be secured with heras fencing.
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 - 2.10 - Segregation & Edge Protection - Excavations Over 950mm ● MIDA Operational Standard - 3.1 - Pipe Testing