

29.1.4.3 Drawings

- A. The Contractor shall submit drawings to the Engineer for approval in advance of commencing the site activity in accordance with Section 01400 of the specification. These shall comprise but not necessarily be limited to:
- i. Liner insertion locations.
 - ii. Flow bypass pumping and/or diversion locations.
 - iii. Any required modification to existing manholes.

29.1.4.4 Samples

- A. Representative samples, as agreed with the Engineer, must be submitted for at least the following items at the same time as the particulars are submitted.
- i. Proposed liner system.
 - ii. Liner to host pipe sealing materials.
 - iii. Manhole rehabilitation materials.

29.1.5 Quality Control

- A. Prior to dispatch of any product and/or material from source the Contractor shall notify the Engineer in writing in sufficient time to allow the Engineer the opportunity to inspect and test the product and/or material prior to delivery in accordance with Section 01400 of the specification.
- B. Products and materials shall be from a manufacturer/supplier who operates a quality system which is registered to ISO 9000 series or approved equal.
- C. To allow the Engineer to inspect the Works the Contractor shall give the Engineer a minimum of 24 hours notice of carrying out the following activities on site.
- i. Storm water system cleaning.
 - ii. CCTV survey.
 - iii. Flow bypass pumping and/or diversion.
 - iv. Liner installation.
 - v. Manhole rehabilitation.
- D. The finished liner shall be continuous over the entire length of an insertion run between two manholes or access points and shall be free from visual defects.

29.1.6 Delivery, Storage, and Handling

- A. Delivery, storage and handling of products and materials shall be in accordance with the manufacturer's recommendations and the following provisions.