

INSTRUCTIONS FOR USE

Construction Specification 43 – Clay Pipe

1. Applicability

Construction Specification 43 is applicable to all types of clay pipe conduits. Application to pipe collector systems in structure drains or to parts of land drainage systems is applicable.

2. Material Specifications

The following Material Specifications complement Construction Specification 43:

- 536 – Sealing Compound for Joints in Concrete and Concrete Pipe
- 544 – Clay Pipe and Drain Tile

3. Included Items

Items to be included in contract specifications and drawings follow:

- a. Line and grade of the conduit. Include statement in items of work that pipe shall be installed in a manner that no reversal of grade between joints occurs unless shown on the drawings
- b. Details of the bedding including description and grading limits of the bedding material
- c. Excavation and backfill requirements, if applicable.
- d. Pay limits or actual limits for excavation and backfill, if required. When excavation requirements need to be performed to comply with safety requirements, state clearly if those volumes are included or not in the pay limits.
- e. Type and class of pipe or tile
- f. Size(s) of pipe or tile
- g. Type of joint and details of special joints
- h. Details of wall fittings and other special fittings and appurtenances
- i. Pressure testing requirements, if applicable
- j. Method of measurement and payment if the standard specification includes more than one method

4. Methods

Section 6, Measurement and Payment

Method 1 – Must be used when it is desired to base payment on the measurement of the laid length of the conduit.

Method 2 – Must be used when it is desired to base payment on the summation of the nominal laying lengths of the pipe conduit.

When specifications are prepared using electronic procedures and all measurement and payment methods but one are deleted for use in a contract specification, delete from the last paragraph: “*All Methods – The following provisions apply to all methods of measurement and payment.*” Left justify the remaining text.

5. Items of Work and Construction Details

Starting at the top of page 43–4, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions. For ease of utilization, the use of recyclable color paper for the IWCD should be considered.

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