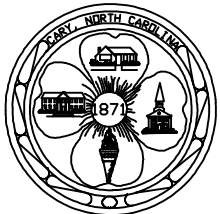


| MINIMUM CONCRETE BLOCKING (C.Y.) * |                  |          |          |           |           |
|------------------------------------|------------------|----------|----------|-----------|-----------|
| NOMINAL PIPE DIAMETER INCHES       | TEES & DEAD ENDS | 90° BEND | 45° BEND | 22½° BEND | 11¼° BEND |
| 4                                  | ⅓                | ⅓        | ⅓        | ⅓         | ⅓         |
| 6                                  | ⅓                | ⅓        | ⅓        | ⅓         | ⅓         |
| 8                                  | ⅓                | ½        | ⅓        | ⅓         | ⅓         |
| 10                                 | ⅔                | ¾        | ½        | ⅓         | ⅓         |
| 12                                 | ¾                | 1.0      | ⅔        | ⅓         | ⅓         |

**NOTES:**

1. FITTING SHALL BE WRAPPED WITH A MINIMUM 4 MIL PLASTIC.
2. NO CONCRETE SHALL COVER BOLTS OR GLANDS.
3. PIPE DIAMETERS BEYOND 12 INCHES SHALL UTILIZE A PROFESSIONAL ENGINEER'S SEALED DESIGN CONSISTING OF RESTRAINED JOINT PIPE OR BLOCKING.

\* CONCRETE SHALL BE 3,000 P.S.I. MIX.



EFFECTIVE: 07/01/23

STANDARD REACTION BLOCKING

DETAIL No.

6000.21