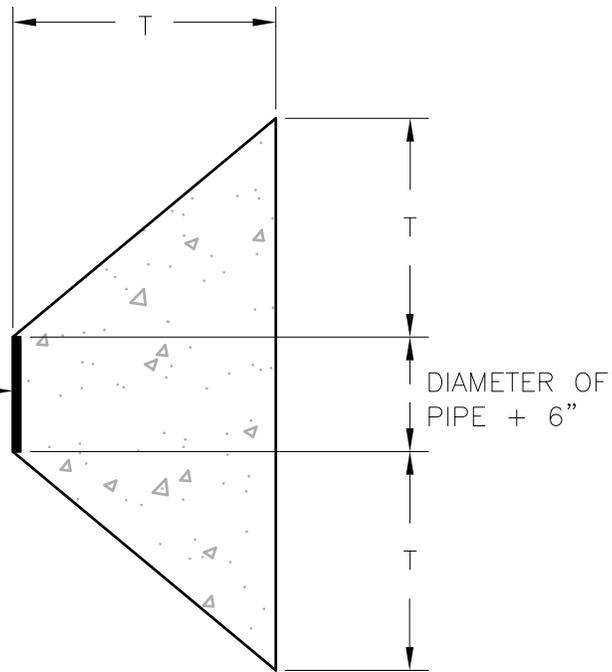
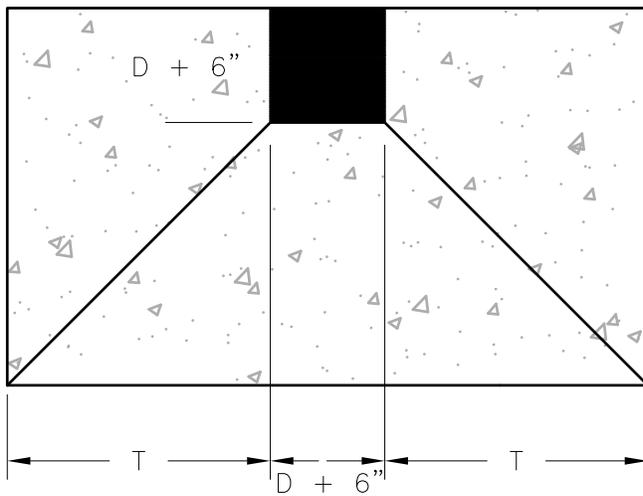


USE TWO LAYERS OF  
15 LB. BUILDER'S  
FELT ON FITTINGS

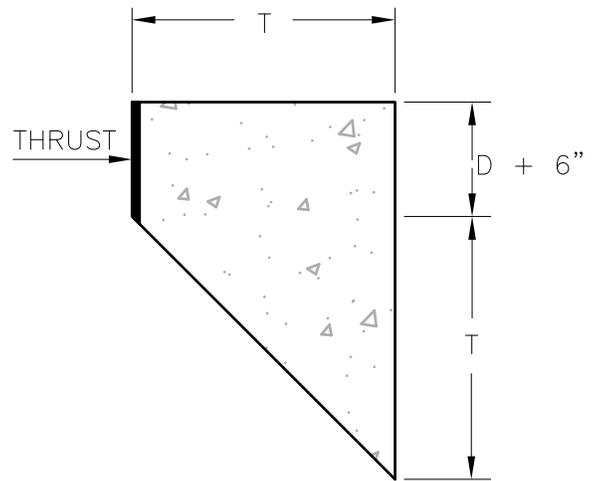
DIRECTION OF  
THRUST OR  
BISECTOR OF  
PIPE BEND



PLAN



FRONT



SIDE

NOTES:

1. FITTING FLANGE BOLTS SHALL REMAIN FREE OF CONCRETE.
2. DO NOT BACKFILL UNTIL CONCRETE HAS SET FOR A MINIMUM OF 4 HOURS.
3. PIPELINE SHALL NOT BE CHARGED OR TESTED UNTIL CONCRETE HAS ACHIEVED FULL (5 DAYS) STRENGTH.
4. SEE G-3B FOR "T" VALUES FOR THRUST BLOCKS.

**AUGUSTA COUNTY SERVICE AUTHORITY  
VERONA, VIRGINIA**

SCALE: NTS

DRAWN BY: ACSA

DATE: AUG. 2004

REVISED: MAR. 2021

**TYPICAL THRUST BLOCK DETAIL  
FOR HORIZONTAL AND  
SAG VERTICAL ANCHORS**

DRAWING NUMBER: G-3A

PAGE: 1 OF 2