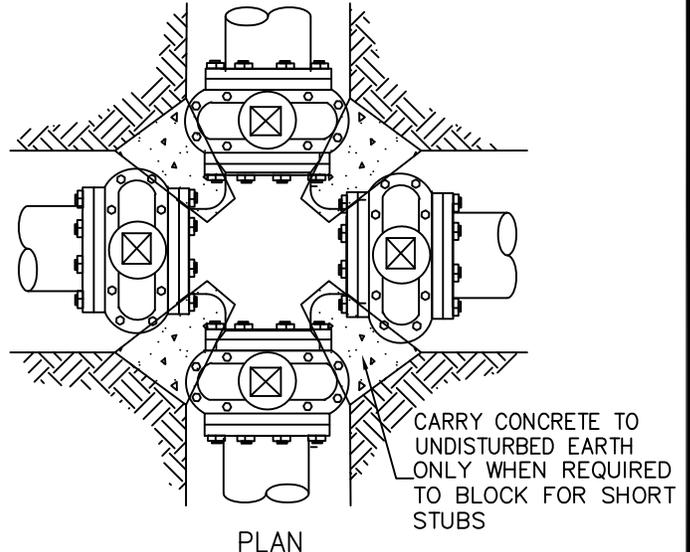
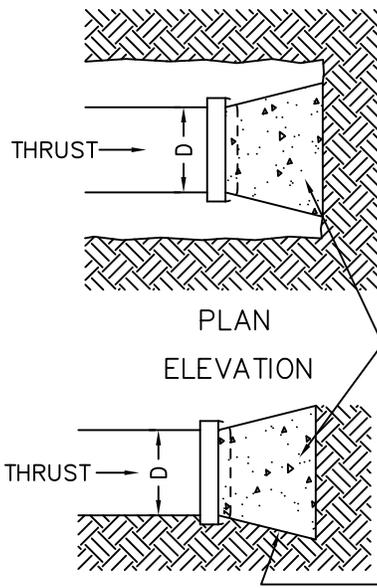


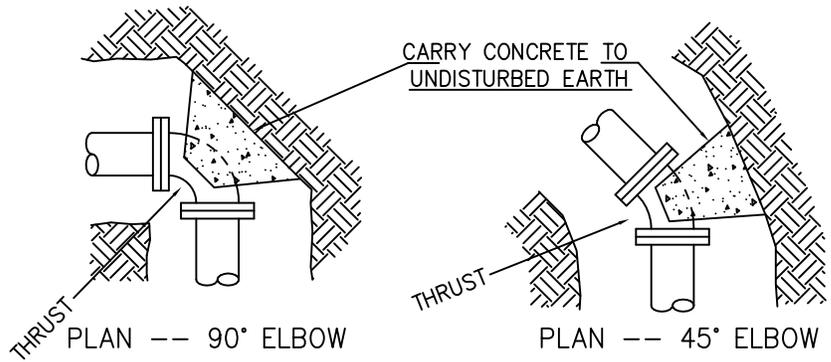
THRUST BLOCKING FOR TEES



THRUST BLOCKING FOR CROSS AS DIRECTED

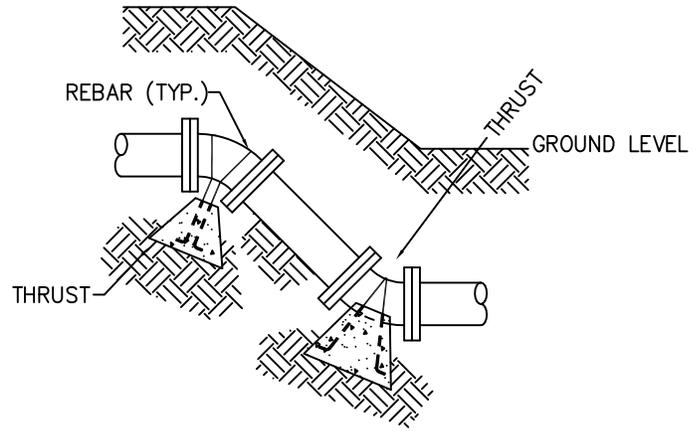


THRUST BLOCKING FOR CAPS



PLAN -- 90° ELBOW

PLAN -- 45° ELBOW



ELEVATION -- 22 1/2° & 45° ELBOWS  
THRUST BLOCKING FOR ELBOWS

- NOTES:
1. ALL CONCRETE TO BE MIN 2500 P.S.I.
  2. KEEP CONCRETE CLEAR OF NUTS AND BOLTS WHEN USING FLANGED FITTINGS.
  3. SEE STANDARD DRAWING W-10 FOR THRUST BLOCK BEARING AREAS.
  4. USE MIN 4 MILL PLASTIC WRAPPED AGAINST FITTINGS TO PROTECT BOLTS.
  5. ECOLOGY BLOCKS MAY BE USED IF WITH PRIOR APPROVAL FOR MAINS 12" & LESS WITH THRUST CALCS PROVIDED TO CITY.

REVISION	APPROVED	DATE

CITY OF COEUR d'ALENE STANDARD DRAWING

APPROVED BY:  
  
 CITY ENGINEER, PE 7432  
 DATE: 4/20/15  
 DWG NO. W-9

# THRUST BLOCKING