VERTICAL THRUST BLOCKS, (TYPICAL BOTH SIDES). SEE VERTICAL THRUST BLOCK DETAIL DRAWING NO. C.12

BOX CULVERT OR IRRIGATION DITCH

18" MIN. FOR BOX CULVERT
42" MIN. FOR IRRIGATION DITCH

TIE RODS (TYP)

THRUST BLOCK, SEE HORIZONTAL THRUST BLOCK DETAIL DRAWING NO. C.11

NOTE: PIPE RESTRAINT SHALL BE EITHER CONCRETE THRUST BLOCKS OR JOINT RESTRAINT AS SPECIFIED.

10'

2 - 45° BENDS (TYP BOTH SIDES)

FROM END OF CASING PIPE TO OUTSIDE OF BOX OR TOP OF BANK OF DITCH (TYPICAL BOTH SIDES)

INSTALL WATER LINE IN CASING PIPE.