



NOTE:

1. ALL BENDS OF $22\frac{1}{2}^\circ$ AND LARGER SHALL BE BLOCKED WITH AT LEAST 10" THICK CONCRETE BLOCK(S) AGAINST UNDISTURBED VERTICAL EARTH FACE.
2. ALL CONCRETE TO BE MIN. 3,000 PSI.
3. IN ADDITION TO THE ABOVE THRUST BLOCKING: ALL MECHANICAL JOINTS, BENDS OVER 10° AND FIRE HYDRANTS SHALL HAVE A "MEGALUG" RESTRAINT, OR AS APPROVED BY THE ENGINEERING DIVISION. BOLTS SHALL BE "COR-TEN".

DATE: 11-2-09

NOT TO SCALE

**THRUST BLOCK
INSTALLATION
DETAILS**