1. All joints encountered with the specified restraining length (L) shall be restrained from the first joint of fitting.
2. Refer to standard detail dwg. CKL-111 for joint restraining detail and type.
3. Granular thrust block shall be fully extended and compacted against trench walls. If trench walls are saturated or disturbed, special design details of thrust restraint shall be provided by the engineer.
4. Granular thrust block shall be enclosed with filter fabric if groundwater table is above the trench bed or if groundwater is seeping through trench walls.
5. When fittings are partially or fully exposed under pressure, all joints must be restrained.
6. All pipe and fitting joints shall be restrained in earth fill applications.

NOTES:

PLAN

THRUSS BLOCKING FOR PVC WATERMAIN PLUGGED TEE

ELEVATION

WHERE PIPE IS TWO SIZES LARGER OR MORE TO REDUCED PIPE
i.e 300mmØ TO 150mmØ
200mmØ TO 100mmØ

RESTRAINED REDUCERS