



NOTES:

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.



ENGINEERING & CORPORATE
ASSETS

**THRUST BLOCKING FOR PVC WATERMAIN
DEAD ENDS**

CKL-110A

SCALE: NOT TO SCALE

DATE: AUGUST 2017

CHECKED: JN

APPROVED: CS

APPROVED DATE: AUGUST 2017

REVISION No. 1