

ELEVATION OF JOINT DEFLECTION OFFSET

SAME PROCEDURE WILL APPLY TO OFFSETS SHOWN ON DWG. W-CS-12

NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS SHOWN OTHERWISE.
2. MINIMUM COMPRESSIVE STRENGTH OF INSULATION TO BE 690kpa. INSULATION SHALL BE INSTALLED IN THICKNESS REQUIRED, IN STRICT ACCORDANCE WITH THE INSULATION MANUFACTURER'S DIRECTIONS. INSULATION SHALL BE INSTALLED OVER 150mm OF FINE GRANULAR FILL SCREEDED SMOOTH.

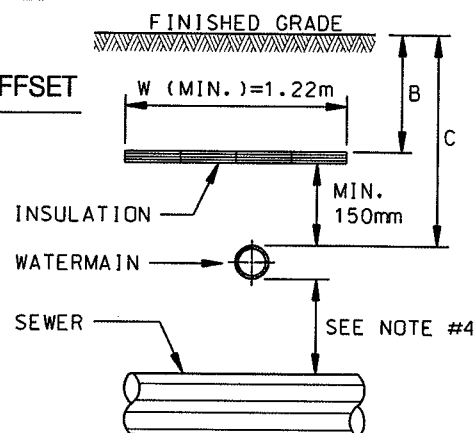
BUTT INSULATION TIGHTLY TOGETHER WITHOUT GAPS, STAGGER END JOINTS IF MORE THAN ONE LAYER USED.

TO HOLD IN PLACE, SKEWER INSULATION BOARD TO GROUND WITH 200mm HARDWOOD SKEWERS, MIN. 6mm DIA. AND 200mm LONG. 2 SKEWERS PER BOARD.

IF 2 LAYERS OF INSULATION ARE USED, SKEWER ONLY THE TOP LAYER THROUGH THE FIRST LAYER USING A SKEWER 150mm LONGER THAN THE COMBINED THICKNESS OF THE 2 LAYERS OF INSULATION. INSERT SKEWERS AT APPROXIMATELY 30° ANGLE.

PLACE AT LEAST 200mm OF FINE GRANULAR FILL OVER INSULATION BEFORE USING COMPACTION EQUIPMENT.

3. IF PIPE IS PVC, OFFSET MUST BE MADE USING W-CS-12 DETAIL.
4. MIN. CLEARANCE AS PER C OF L DESIGN SPECIFICATIONS 7.4.7.2. AND M.O.E. PROCEDURE F-6-1.



SECTION "A - A"

INSULATION THICKNESS		INSULATION WIDTH	
C (m)	T (mm)	B (m)	W (m)
0.60	75	0.45	2.44
0.75	75	0.60	1.83
0.90	50	0.75	1.54
1.09	50	0.90	1.22
1.20	25		
1.35	25		

CITY OF LONDON STANDARD DRAWING

INSULATION OF SHALLOW WATERMAIN AND OFFSETS IN BOULEVARDS

DWG W-CS-68

DATE 2012 01 26

APPROVED BY
CITY ENGINEER:

NTS