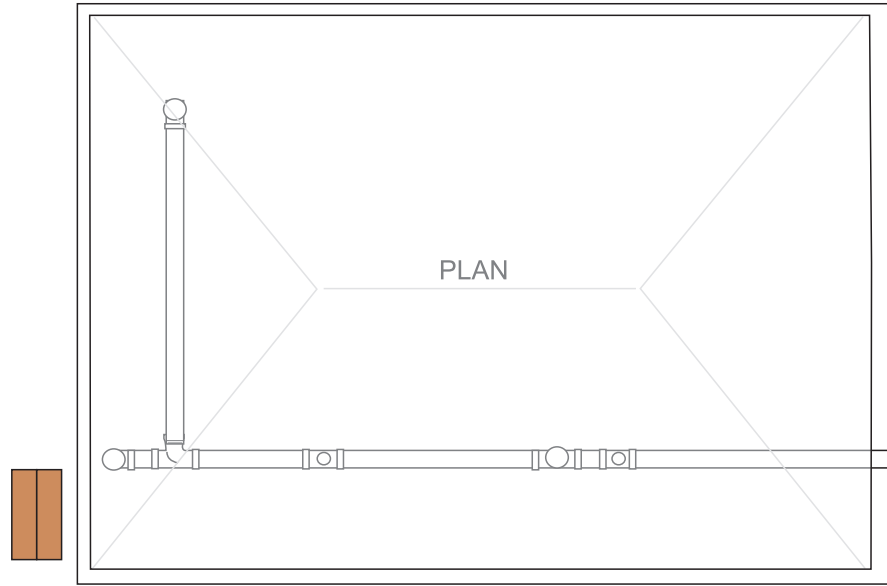


AS2870-2011 is the most radical change to interpreting soils and house engineering we have seen since 1986 and several trades will need to know what is in it and how to apply it.

REACTIVE SOILS DRAINAGE INSTALLATION GUIDELINES

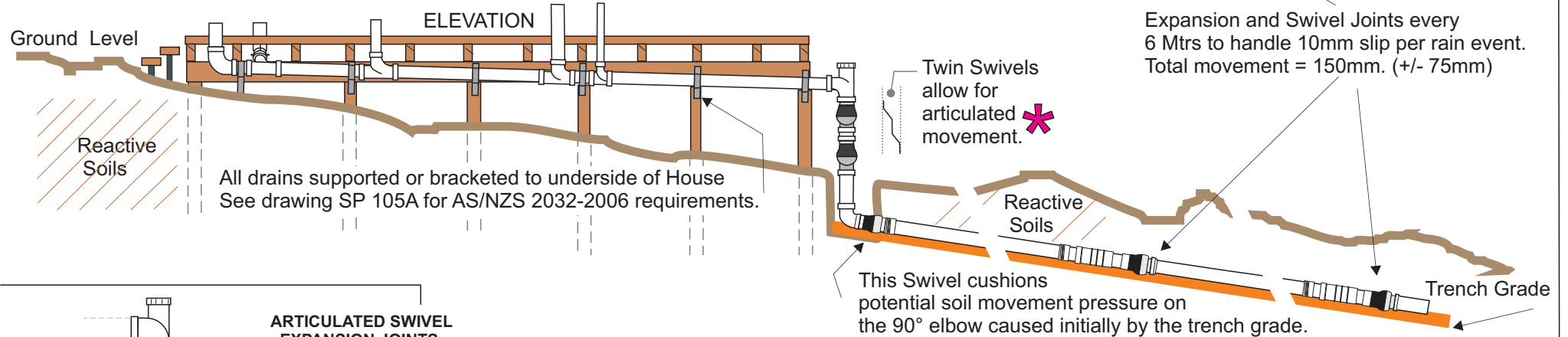


Drains that are 'located and fixed' to the House frames also require Mechanical Flexible Joints as per AS/NZS 2032-2006.

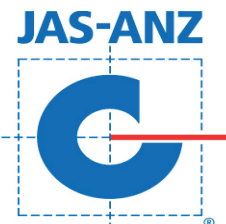
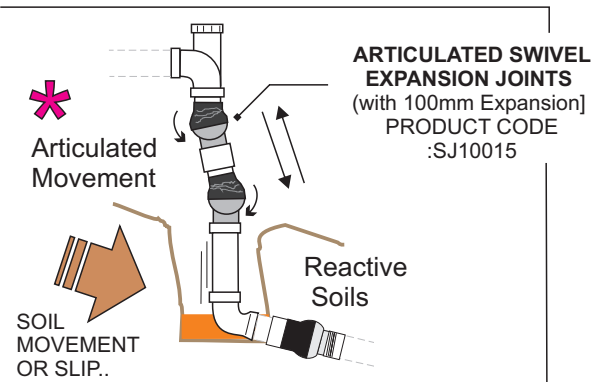
Expansion Joints shall also be used when the pipes exit the building perimeter, and only then if in reactive soils. See drawing SP 105A for further details.

AS/NZS 3500.2.2018 Cl 4.3.2[c] Above ground under buildings. *Provision for expansion shall be made appropriate to materials and their applications.*

AS/NZS 3500.2.2018 Cl.4.8.4 Differential Settlement & FIG 4.8.3.2 Inspection Chambers



All drains supported or bracketed to underside of House See drawing SP 105A for AS/NZS 2032-2006 requirements.



Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body

Please refer to Storm Plastics Table No. SP 1 for additional details on flow gradients and installation

Drawing No.SP 105		NOT DRAWN TO SCALE	
SITE CLASSIFICATION		Land Slip or Creep - Class P	
AS 2870-2011	Residential Installation Guide ONLY for use of Mechanical Expansions Joints in Reactive Soils.		
COMPANY	STORM PLASTICS Pty Ltd		
GRADE	1:50 / 1:40 (200 - 250mm Fall in 10 Mtrs)		
PIPE MATERIAL	Poly Vinyl Chloride - PVC	Oct. 2019	