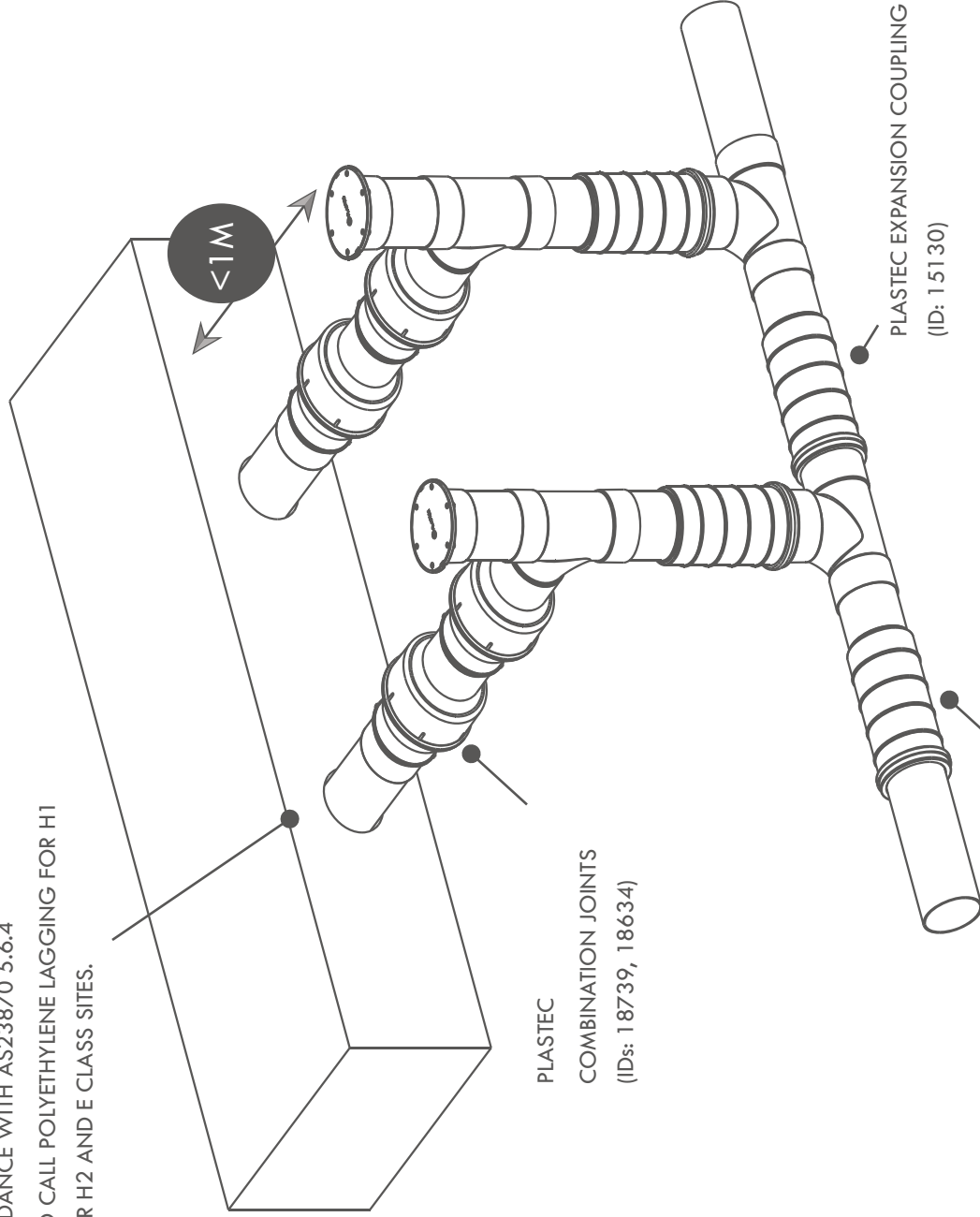


LAGGING IN ACCORDANCE WITH AS23870 5.6.4
20MM THICK CLOSED CELL POLYETHYLENE LAGGING FOR H1
SITES AND 40MM FOR H2 AND E CLASS SITES.



IT IS RECOMMENDED FOR ALL H1, H2 AND E CLASS SITES
THAT FLEXIBLE JOINTS (EXPANSION JOINTS AND/OR
FLEXIBLE COUPLINGS) ARE USED IMMEDIATELY
DOWNSTREAM AT EVERY CHANGE OF DIRECTION.

REQUIREMENTS FOR PLUMBING AND
DRAINAGE IN REACTIVE CLAYS AND
UNSTABLE SOIL SITES AS PER AS2870

- Drains shall incorporate flexible joints immediately outside the footing within 1m of the building perimeter. These flexible joints need to accommodate the amount of movement in any direction equal to the estimated movement of the site.

- These flexible joints must be set in the mid-position of their range of movement and must allow equal movement in any direction at the time of installation.
- This applies for all sanitary and stormwater discharge pipes.
- The base of trenches shall be sloped away from the building.
- Surface drainage shall be considered in the design of the footing system. Surface drainage of the site shall be controlled from the start of site preparation and construction.
- Sub-Surface drainage of the site shall be a minimum 1.5m from the building perimeter.

TECHNICAL DATA

TYPICAL
FOOTING ARTICULATION
DETAIL

SOIL CLASS SITES:	H1, H2 & E
PIPE MATERIAL:	100MM DIA PVC-U
GRADE:	1:40 RECOMMENDED
DATE:	26.09.19

07 5413 4444 SALES@PLASTEC.COM.AU



AS 2870 TABLE 2.3
CLASSIFICATION BY CHARACTERISTIC SURFACE MOVEMENTS (Ys)

CHARACTERISTIC SURFACE MOVEMENT (Ys)mm	SITE CLASSIFICATION IN ACCORDANCE WITH TABLE 2.1
0 < Ys ≤ 20	S
20 < Ys ≤ 40	M
40 < Ys ≤ 60	H1
60 < Ys ≤ 75	H2
Ys > 75	E