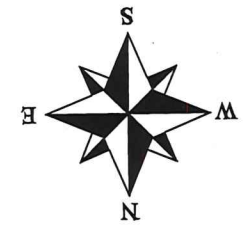


If you cannot obtain permission to underpin the buildings and use tieback anchors, you may need to design a very stiff, braced, soldier beam and lagging sheeting system. Pre-load the braces to minimize soldier beam and brace deflections.



THREE FLOOR & BASEMENT BUILDING

10m Street

TWO FLOOR HOUSE

TWO FLOOR HOUSE

20m

10m

21,1m

TWO FLOOR BUILDING

Possibly one horizontal cross brace

Continuous perimeter walers

How close to the buildings can you install the soldier beams? Your new building will be smaller than the property's area.

Possibly four horizontal corner braces

20m Main Street

Probably need at least two levels of walers and braces

