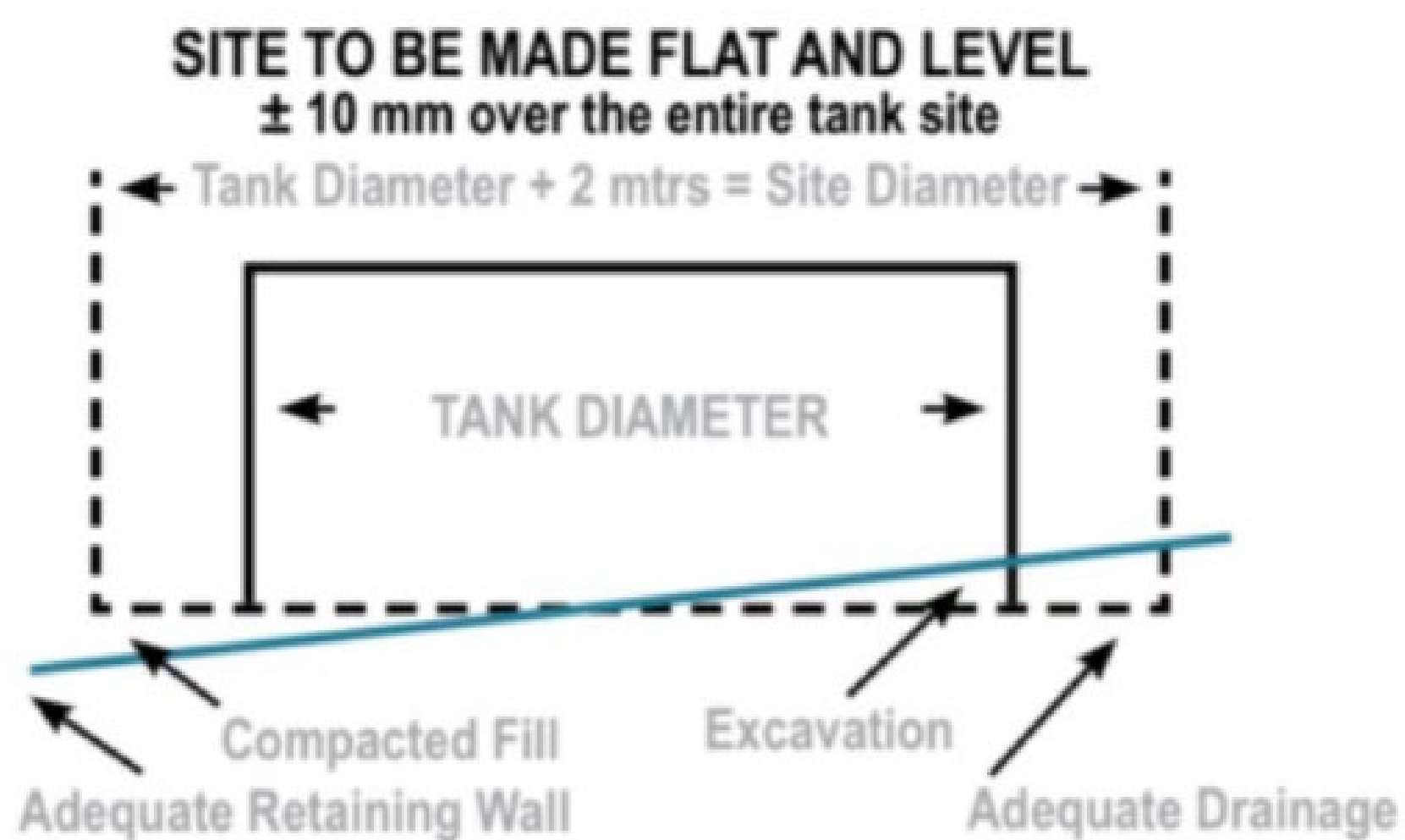


## RAINQUEEN SITE PREPARATION GUIDELINES

Please note that this is merely a guideline and we recommend that your site be approved by an engineer (especially for the larger volumes) as requirements will vary depending on soil types and conditions (slope, drainage, and rainfall).

### LEVELLING THE SITE



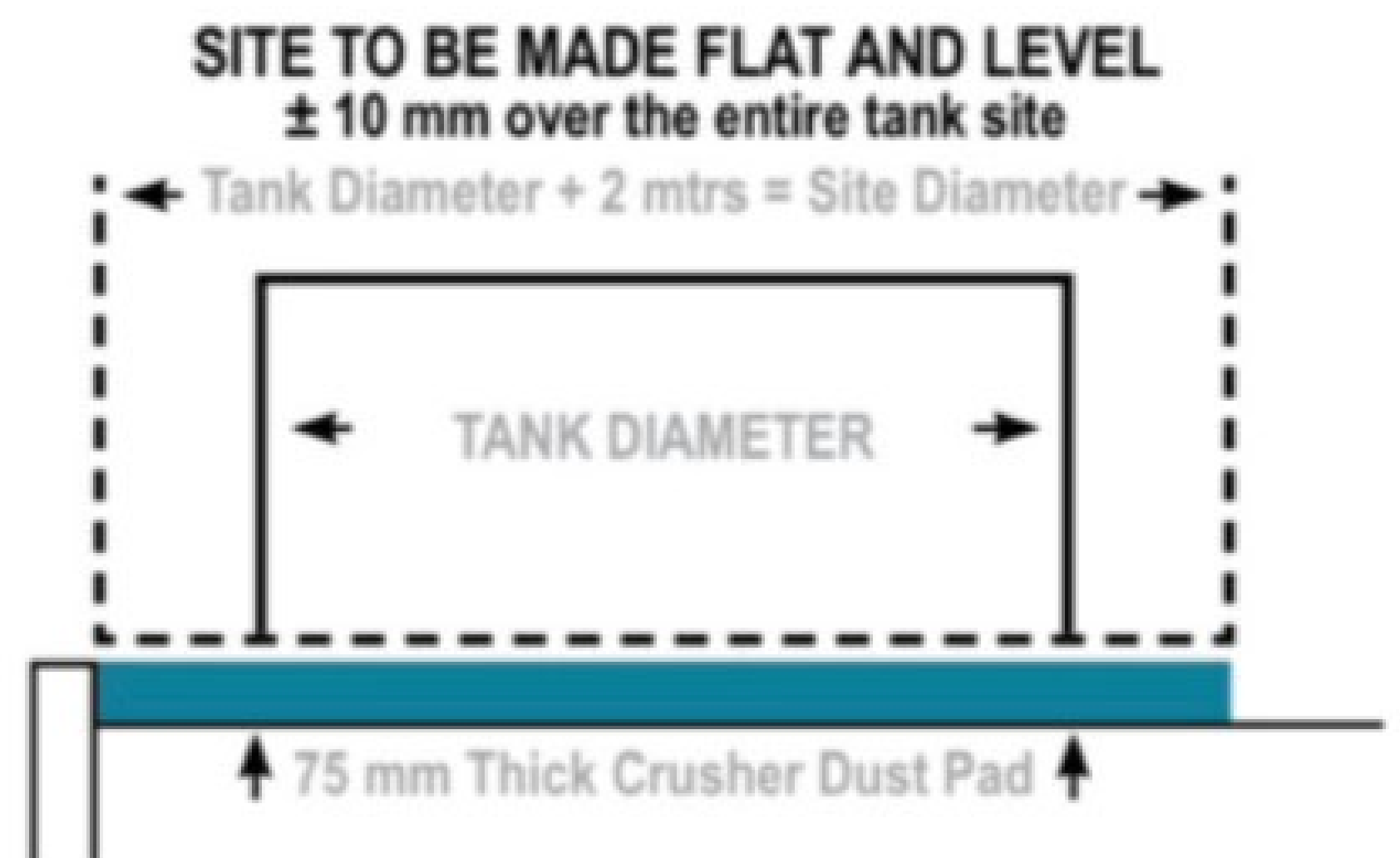
- ✓ The site should be 2m larger in diameter than the reservoir you've ordered and should be levelled using a theodolite or laser level.
- ✓ Wherever possible the site should be cut into natural earth. Avoid cut and fill, as the fill section may subside later if not compacted properly. If using fill, proper retainer walls must be installed to stop erosion.
- ✓ Adequate drainage must be provided to divert rain water away from the site as well as water from the overflow.
- ✓ The site must be free of stones, rocks, steel, sticks or any sharp objects. Grass and tree roots should be completely removed.

### SITE PAD

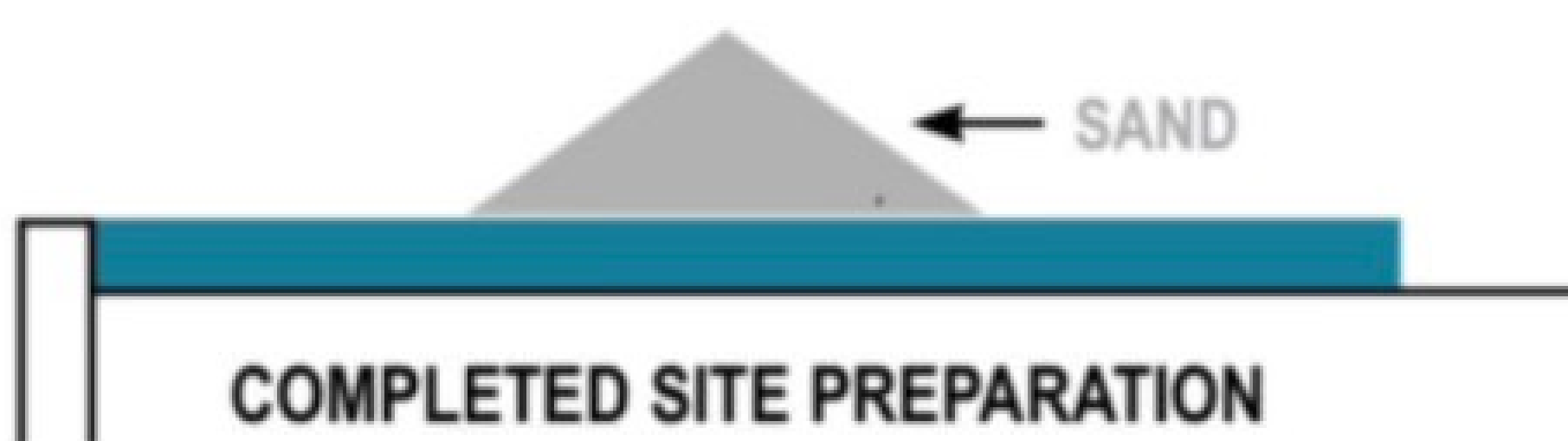
✓ Material with diameter of less than 6mm must be used to ensure ease of levelling and compaction. G5 crusher dust is recommend with site preparation for items with volumes over 100 000 litres.

✓ Site must be free of vegetation.

✓ When completed, ensure not damaged by vehicles or animals.



### FINE RIVER SAND



- ✓ On completion of the site preparation we require that fine river sand be piled in the centre (see volumes according to diameter below).
- ✓ The sand will be spread ONLY once the first corrugated ring has been constructed.
- ✓ NB. The primary function of this layer of sand is to provide additional protection for the liner.

2m Ø - 0.16m cubed  
3m Ø - 0.35m cubed  
4m Ø - 0.63m cubed

5m Ø - 0.98m cubed  
6m Ø - 1.41m cubed  
7m Ø - 1.92m cubed

8m Ø - 2.51m cubed  
9m Ø - 3.18m cubed  
10m Ø - 3.93m cubed

11m Ø - 4.76m cubed  
12m Ø - 5.67m cubed  
13m Ø - 6.64m cubed