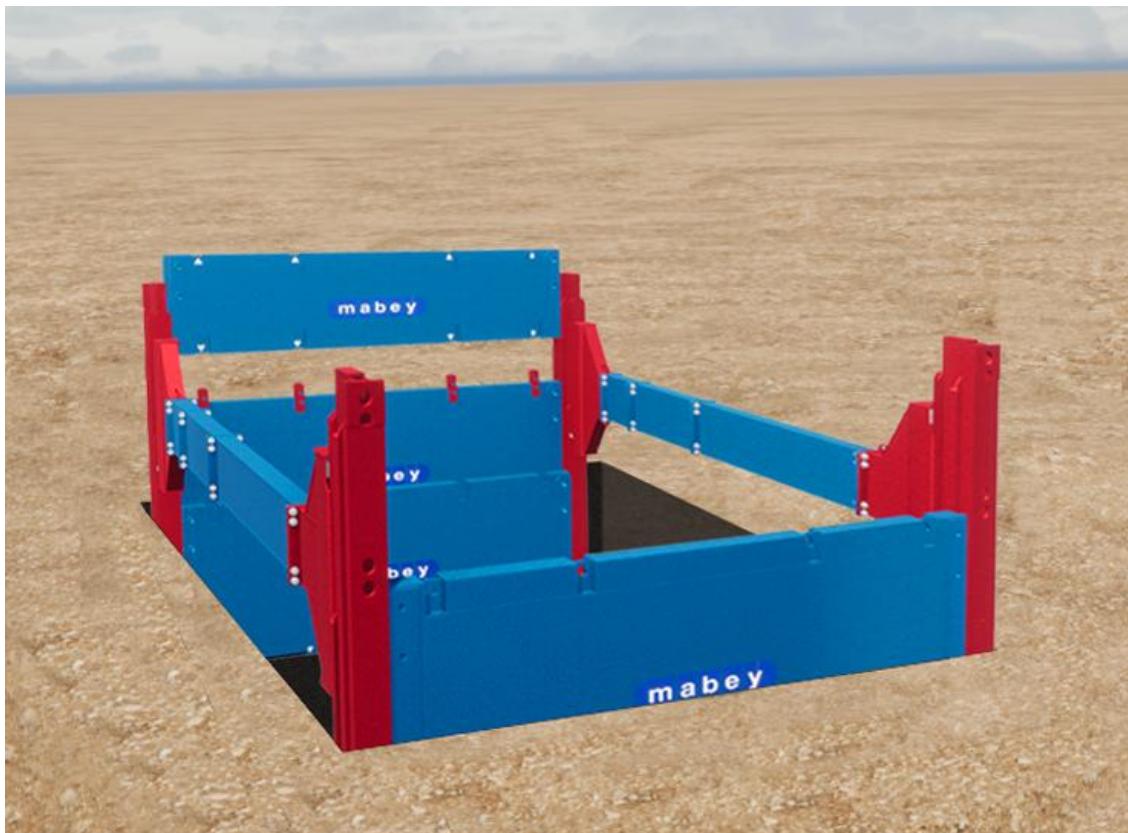


## Engineering and Project Services.



### Content

- ▶ How Mabey can add value to your project.....1
- ▶ Technical Fiels Support.....1
- ▶ Information Required for Scheme design.....2

## Engineering Project Services.

### How Mabey Engineering add value to your project?

Mabey's talented Temporary Works Engineering Team will work hard to ensure the success of your project. Our engineers are equipped with top-of-the-line CAD and design software. When necessary, Mabey's team of engineers will design a custom shoring solution using all our modular equipment. That's; **Slide Rail Systems, Sheet Piling, Trench Boxes** etc. We can provide structural design plans and back up calculations when called for by your project.

In addition to our extensive inventory of durable shoring equipment that can be tailored to meet your needs, the expertise of our staff is the reason so many contractors across Australia and New Zealand turn to Mabey as a dependable partner.

### Technical Field Support

While Mabey prides itself on providing easy-to-install solutions, we also understand that each project is unique and may involve complex conditions and unforeseen challenges. Knowing that your reputation is at stake with every project, we offer on-site field support as an added service. Mabey's Engineers and Area Managers will thoroughly explain the safest and most effective way to use our products so that you can install them quickly and get your project moving. Many of our clients have relied on that extra field support to help them meet critical deadlines and avoid expensive penalties.

### Have a Project where Groundworks Shoring is required?

If you have a project where shoring is needed and you require an Engineered Solution to ensure the proposed equipment is up to the job, then Mabey require certain project specific information in order to do that. The next page highlights the main information Mabey require and suggested attachments.

## Engineering Project Services.

Required Information:		Comments:
1.	Is RPEQ or specific Certification Required (Y/N)	
2.	Excavation Purpose: (e.g. pipe run, storage tank, wet well etc.)	
3.	Plan Dimensions: (State if internal clearance or external dimension provided.)	
4.	Excavation Depth:	
5.	Are any ground reductions taking place / OR possible? (provide levels):	
6.	Ground / Groundwater Conditions: (provide site investigation report, relevant boreholes etc.)	
7.	Adjacent Water Courses: (provide details / levels of any nearby rivers, creeks, oceans etc.)	
8.	Details of any Dewatering taking place: (e.g. sump pumps / dewatering spears and to what level the water is to be reduced to.)	
9.	Details of Plant / Excavators / Cranes etc. working around Excavation: (provide weights and distances.)	
10.	Details of any additional nearby Loads: (e.g. Spoil, Live Roads, Railways, Buildings etc.)	
11.	Any height restrictions on use of lifting plant: (e.g. max lift height of excavator / overhead power cables.)	

### Suggested Attachments:

- ▶ Shoring Structure Location map(s) & OR Sketch of Site Layout
- ▶ Photographs.
- ▶ Long sections.
- ▶ Existing Structures & proposed Structure drawings (if possible, in AutoCAD format).
- ▶ Relevant borehole / trial pit.
- ▶ Full Soil Survey Report.
- ▶ Others / Any relevant documents.