

# Vertical Cantilever Panels



Silage Clamp using 3.5m high walls.



Underground basement for a house in Halifax

**Used for a variety of applications:**

Ground Retaining walls

Push walls

Retaining walls

Bunker walls

Slurry Tanks

Recycling Bunkers

- ✓ Designed to Eurocode 2 and BS5502 part 22.
- ✓ All Panels CE Marked.
- ✓ Interlocking Prestressed concrete vertical Panels.
- ✓ Made to measure up to 5m high.
- ✓ Single or Double loading available.
- ✓ Three Thickness' for a wide range of loading capacities.
- ✓ Quick and Easy installation - shorter build time and earlier floor laying date.
- ✓ High strength imparted by prestressing enables the units to flex under load and ride the stress of machinery impact without serious damage.

**Industries it can be used in:**

Agricultural

Industrial

Commercial

House building



Slurry tank walls 3m High in Lothersdale

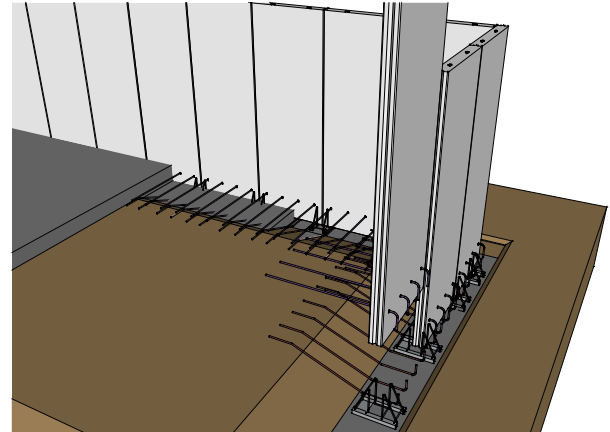
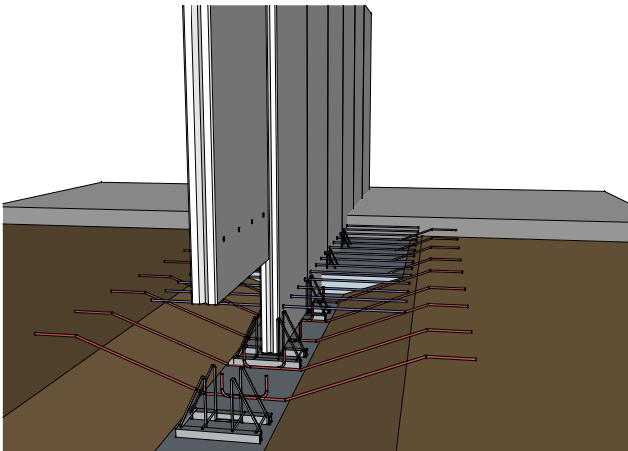


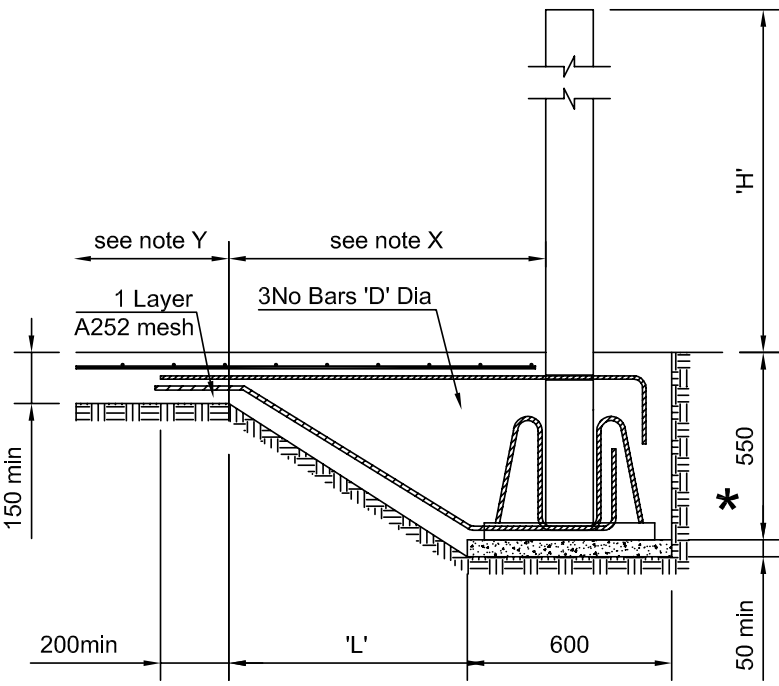
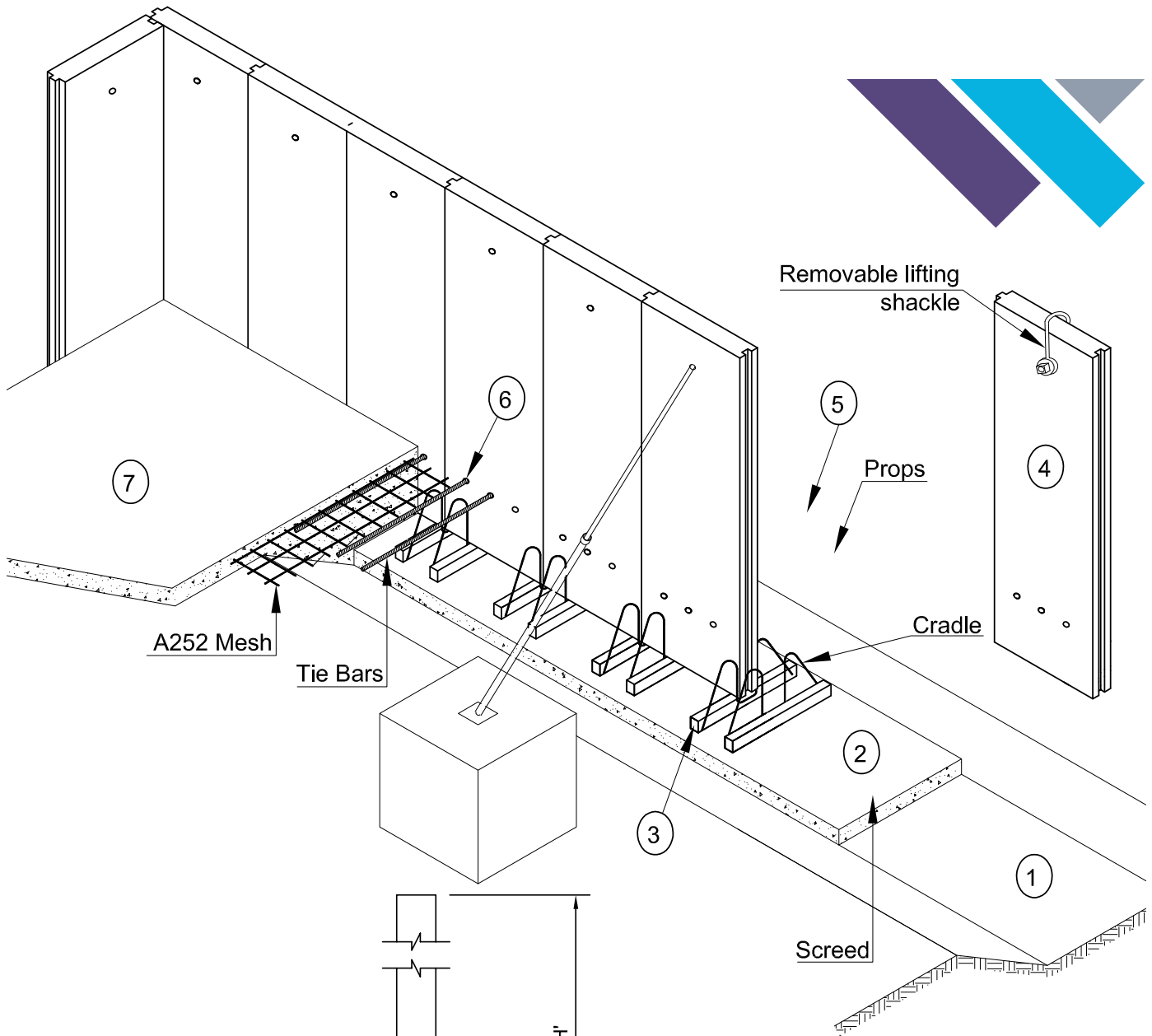


Precast concrete vertical cantilever panels supplied by Wolfenden Concrete Ltd are frequently used in the construction of storage bunkers, retaining walls and above/below ground tanks.

The prestressed concrete panels are set into the foundation at a depth of 0.4-0.5m, depending on overall height and panel type used, and tied into the foundation with reinforcing bars (supplied). Additional supporting steelwork is not required making them ideal for tanks and compost/silage bunkers.

The interlocking prestressed, precast concrete units are available in 1m, 1.2m and 1.5m widths in 145mm and 180mm thick units. We also have available a 280mm thick unit, in 1.2m width. The panels can be used in combination to meet almost all required layouts and are manufactured at variable heights to suit each application. After installation the panel joints and wall/floor joints are sealed to provide a watertight seal.





TYPICAL SECTION A-A

**Notes:**

1. This drawing, in conjunction with the isometric (drawing 1001), shows the standard foundation for all normal storage walling up to 3m high above ground slab.

- 2. Safe ground bearing pressure must be 125kn/m<sup>2</sup>.
- 3. (X) Mesh to extend to panel from change in section of foundation.
- (Y) Mesh is to extend a minimum of 1500mm beyond this point.
- 4. All loading and back filling to be executed in accordance with the criteria described in BS5502 pt 22 1993.

