

Technical drawing of a square pyramid. The drawing shows the pyramid's profile and its base. The base is a square with a side length of 16.6m. The height of the pyramid is 10.0m. The drawing is a 2D representation of a 3D object, showing the front view and the top view.

1. SHAPE MAY BE ALTERED BASED ON CHOSEN LOCATION
2. RAIL LOCATION TO BE DETERMINED AFTER EXACT LOCATION OF LAND FARM CHOSEN
3. LIQUID SUMP LOCATION TO BE DETERMINED AFTER EXACT LOCATION OF LAND FARM CHOSEN
4. PLACEMENT OF MONITORING WELLS OUTSIDE LAND FARM TO BE DETERMINED AFTER EXACT LOCATION OF LAND FARM CHOSEN AND BASED ON EXISTING TOPOGRAPHY. TO BE INSTALLED AT LOW POINTS

A detailed cross-section diagram of a dike structure. The dike has a crest width of 600mm, labeled "600mm DIKE TOP". The left slope is indicated by a triangle with a vertical side of 1 and a horizontal side of 2, labeled "SLOPE 2/1". The right slope is similarly indicated by a triangle with a vertical side of 1 and a horizontal side of 2, labeled "SLOPE 2/1". The total height of the dike is 1500mm, labeled "1500mm". The internal structure consists of several layers: a bottom layer of "SAND 80mm THICK", followed by an "IMPERVIOUS MEMBRANE", a "GEOTEXTILE", and a top layer of "FINE GRAVEL 150mm THICK". A "MEMBRANE AND GEOTEXTILE ANCHORING TRENCH" is shown on the right side, containing several circular anchors. The base of the dike is labeled "NATIVE GROUND (VARIOUS)".

Diagram illustrating the cross-section of a dike structure, showing the layers and components:

- 600mm DIKE TOP
- MEMBRANE AND GEOTEXTILE ANCHORING TRENCH
- ROAD
- NATIVE GROUND (VARIOUS)
- SLOPE
- RAMP
- FINE GRAVEL 150mm THICK
- GEOTEXTILE
- IMPERVIOUS MEMBRANE
- SAND 80mm THICK

NOTE: ADJUST RAMP SLOPE IN FIELD TO ACCOMMODATE VEHICLE MOVEMENT

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