TYPICAL SLOPING/STEPPED FENCING

Indicative Only. Refer to AS1926 for more details.

(A) Slightly sloping ground
(B) Sloping ground
(C) Stepped ground

When Panel tend to be less than 1m long, Panel should be parallel to slope, refer to (B) Sloping ground.

WORK TO FIGURED DIMENSIONS – DO NOT SCALE. DO NOT RELY ON THESE STANDARD DRAWINGS AS THE EQUIVALENT OF, OR SUBSTITUTE FOR, PROJECT-SPECIFIC DESIGN & ASSESSMENT BY A QUALIFIED PROFESSIONAL.

This is intended for use where fencing is required around water bodies on Council-owned land, e.g. where recommended in the Battler Slope Treatments and Fencing Guidelines for Constructed Wetlands and Detention Basins.

The fencing incorporates a Council logo, which is intended to discourage theft of the fencing panels. Fencing without Council logo may be suitable for some locations, consult with Council's Landscape Architect to determine when considering use of this option.

NOTES:

- Design guide:
  - Fencing shall comply AS1926 (current version).
  - For fencing surrounding water bodies on private land, refer to LMDCP & relevant Australian Standards.
  - Ensure 1200mm clear span from top of fence to any dimmable objects outside the fenced area for detention basins or inside the fenced area for playgrounds, that may provide a foothold eg. rock, step, bank, tree with branches.
  - Ensure maximum 100mm gap between fencing and abutting walls etc.

- Material:
  - All fencing components to be galvanised metal, powder coat finished in black.
  - All posts to have plastic, flat tops caps in black (proprietary product).

- Panel:
  - Typical panel maximum length 2500mm. Variety length for sloping sites, to be determined for specific site.
  - Vertical bars should not extend through or beyond the upper edge of Top Rail, and should extend through Bottom Rail & finish flush with the bottom side of Bottom Rail.
  - Panels fixed to posts with 45mm square shroud bracket secured top and bottom with two security screws top and bottom and one on the side to the rails.
  - All sections to include an LMCC Plate (excluding fencing on sloping & stepped ground)

- Welding & finishes:
  - All modifications and welding undertaken and treated with "gainet" or equal prior to powder coating - medium standard in accordance with AS4508.
  - Welds to be 6mm continuous fillet weld.
  - Smooth grind all welds but do not reduce the weld below its nominal size.
  - Shear, flame cutting and shipping to be performed carefully and accurately.
  - Grind fair corners and edges which are sharp, marred, or roughened.
  - Apply the primer coat or protective system to the structural steel before delivery to the site.
  - Do not damage the finish during transport & handling.

- Mowing Strip:
  - Mowing strip to be installed when fencing is in turf. Fencing in mulched garden beds with planting and timber edge does not require a mowing strip. Other requirements as shown in drawing.

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