



6100 - SPECIFICATION FOR NON-STANDARD FENCE

6100 - 1 DESCRIPTION

- 1.01 The work shall consist of fences and gates constructed at locations shown on the plans or designated by the Engineer.
- 1.02 For the purpose of this specification non-standard fence is defined as a fence at least equal in quality and similar in design to the fence removed in accordance with the requirements for Removal of Fence (Specification 2160).

6100 - 2 MATERIALS

- 2.01 Material from the existing fence, salvaged in accordance with the requirements for Removal of Fence (Specification 2160), shall be used in constructing non-standard fence. Additional fencing material will be supplied by the Department.

6100 - 3 CONSTRUCTION

- 3.01 The Contractor shall adequately repair or replace, at no direct expense to the Department, any fence material damaged by his operations.
- 3.02 Non-standard fence will be constructed at locations designated in writing by the Engineer.
- 3.03 Except when the previous fence was of superior quality and design, the non-standard fence shall comply with the following requirements:
 - (a) Picket spacing shall be four point five (4.5)m. Pickets may be sharpened and driven into the ground, if practical. The pickets shall be not less than five (5) cm and not more than ten (10) cm in diameter.
 - (b) The distance between any corner or gate post and an adjacent picket shall be not greater than two (2) m, center to center, Corner and gate cross braces shall be constructed using soft galvanized wire of 4.0 mm thickness and a picket cut to size.
 - (c) Sharpened and treated posts or their equivalent shall be used at corners and gateposts and at eighteen (18) m intervals, along the fence. Treated posts shall not be cut and used for bracing. The treated posts used at corners and as gateposts shall not be less than ten (10) cm in diameter.
 - (d) The Contractor shall be permitted to either dig post holes or drive the posts.
 - (e) If the Contractor elects to dig post holes the following shall apply:

Post holes shall be dug seventy-five (75) cm in depth. The posts shall be set plumb and shall conform to the alignment staked. The holes shall be backfilled and tamped in layers not exceeding fifteen (15) cm in depth. The alignment shall be preserved during the backfill operation.

- (f) If the Contractor elects to drive posts the following shall apply:
 - (i) The posts shall be driven into the ground to the depths shown on the plans. The alignment shall be preserved during the driving operations.
 - (g) Barbed wire and woven wire shall be stretched tightly by a mechanical stretcher or device designed for such use. The use of any form of motor vehicle will not be allowed.
 - (h) Staples shall be driven diagonally to the grain of the wood and shall be driven three-fourths of their length into the wood leaving room for the wire to move.
 - (i) The wire shall be neat and tightly coiled a minimum of four (4) times on each side of a splice.
 - (j) If it is necessary to set posts adjacent to land monuments or property markers, the posts shall be placed on the owner's side of the property line, as close as feasible to such markers or monuments.

6100 - 4 MEASUREMENT

4.01 Non-standard fence, including the length of gates, will be measured in metres.

6100 - 5 PAYMENT

5.01 Payment for NON-STANDARD FENCE will be at the contract unit price per metre. The unit price will be full compensation for unloading, storing, handling, hauling from delivery points and salvage stockpiles, driving posts when designated by the Engineer, digging post holes, placing posts, tamping backfill, sharpening and driving pickets, stapling and stretching wire, and constructing gates and braces.