

# Cochrane Razor Mesh Fence Preambles:

## Posts Installation:

1. Post holes shall be cleared of loose material. Waste material shall be spread where directed by Engineer. The ground surface irregularities along the fence line shall be eliminated to the extent necessary
2. Posts shall be set plumb, and follow the indicated alignment. All posts shall be set to the depth indicated on the design documents. Concrete shall be thoroughly consolidated around each post, free of voids, and finished with a domed shaped surface, with the base of dome at grade elevation. Concrete shall be allowed to cure prior to installing any additional components to the posts.
3. Concrete footings shall be carried down to at least the depth indicated on the design documents and shall not be smaller than the dimensions shown. Where a rock layer is encountered within the required depth to which the post is to be erected, a hole of a diameter slightly larger than the largest dimension of the post may be drilled into the rock and the post grouted in. Then the regular concrete footing shall be placed between the top of the rock and the top of the footing elevation as shown on the design documents. Posts shall be approximately centered in their footings. All concrete shall be placed promptly and consolidated by tamping or other approved methods.
4. Where the ground is firm enough to permit excavation of the post hole to neat lines, the concrete may be placed without forms by completely filling the hole. Curing may be achieved by covering the concrete with not less than four inches of loose moist material immediately after placing concrete, or by using a curing compound. All excess material from footings, including loose material used for curing, shall be disposed of as directed by the Engineer
5. Where the ground cannot be satisfactorily excavated to neat lines, forms shall be used to place concrete for footings. Under these conditions the earth and forms coming in contact with the concrete shall be moistened and all ponded water shall be removed from the hole prior to placing concrete. When forms are removed, the footing shall be backfilled with moistened material, and thoroughly tamped. The top of the concrete shall then be covered with not less than 100 mm (4 in) of loose moistened material or use curing compound if the 7-days cure is not completed. All excess material from footings, including loose material used for curing, shall be disposed of as directed.

## GENERAL NOTES:

1. All dimension to be controlled on site prior to any manufacturing.
2. Shop drawings and sample to be approved by Architect prior to any Manufacturing.
3. All steel materials shall be of good commercial quality, galvanized steel.
4. All posts shall be galvanized, one piece without joints. Furnish moisture proof caps for all posts.
5. Zinc coating shall be smooth and essentially free from lumps, globs, or points.
6. Miscellaneous material shall be galvanized.
7. All posts shall be set in minimum 14 MPa (2000 psi) (28-day compressive strength) concrete, 25 mm (1 in) aggregate; no air entrapment.
8. Install all fencing and gates in accordance with the drawings, specifications, instructions, and as specified lines and grades indicated. Line posts shall be spaced at intervals not exceeding 3.3 m (10 ft). Terminal posts shall be set at abrupt changes in vertical and horizontal alignment.
9. All elements & members as by Cochrane or equally approved.
10. Galvanising Note (all members): All weld splashes to be removed and welds to be buffed smooth on completion. All posts, frames cover plates and hinge brackets to be hot dip galvanised after manufacture.
11. Please ensure that frames/ glazing are not installed premature during wet trade. Further it is the Contractor full responsibility to ensure that all frames and glazing is well protected during construction phase to avoid any permanent damage.

### DRAWING DESCRIPTION:

COCHRANE VIEW RAZOR MESH FENCE PREAMBLES PAGE 2

### SCALE:

NTS

### REV NO:

R00  
16-Nov-23

### DISCIPLINE

### ARCHITECT

SAKHIWO  
INFRASTRUCTURE  
SOLUTIONS



### PROJECT TITLE

"RTMC TRAINING ACADEMY OF  
EXCELLENCE PHASE 3  
URGENT WORKS"

PROJECT NO: 20128-UW

DRW NO:

DRAWN: JCvR None

DATE: 8-Nov-23

ISSUED: 16-Nov-23

P3-SHW-070-027