
BC HOUSING

Specifications for Supply and Installation of Chain Link Fencing

1.0 GENERAL

1.1 Refer to Master Specification, Division 1 - General Requirements, Section 01110 -Summary of Work.

1.2 **Related Work:**

1.2.1

1.3 **References:**

1.3.1

1.4 **Warranty/Guarantee:**

1.4.1

1.5 **Submittals:**

1.5.1

1.6 **Datum's/Sketches/Layout:**

1.6.1

1.7 **Site Conditions/Property Lines:** The Contractor shall:

1.7.1 Take all necessary field measurements.

1.7.2 Check site and soil conditions prior to tendering.

1.7.3 Confirm that the new fence is properly located in relation to neighbouring properties and shall consult with the appropriate civic authorities and must notify BC Housing if a legal survey is required. BC Housing will arrange and pay for any necessary legal survey.

2.0 PRODUCTS

2.1 **Fencing:**

2.1.1 Line Post: 1 7/8" diameter, galvanized pipe.

2.1.2 Terminal Post: 2 3/8" diameter galvanized pipe complete with 1/4" x 3/4" galvanized tension bar c/w 4, #9 wire ties.

2.1.3 Top and Bottom Rail: 1 5/8" diameter galvanized pipe.

2.1.4 All pipe to a minimum of BS 1387 "Light" specifications as follows, (1 5/8 @ 2.60mm (.100in))(1 7/8 & 2 3/8 @ 2.9mm (.110in))

2.1.5 Fabric: Galvanized chain link fence fabric, to be #9 white, vinyl coated, 2" diamond size.

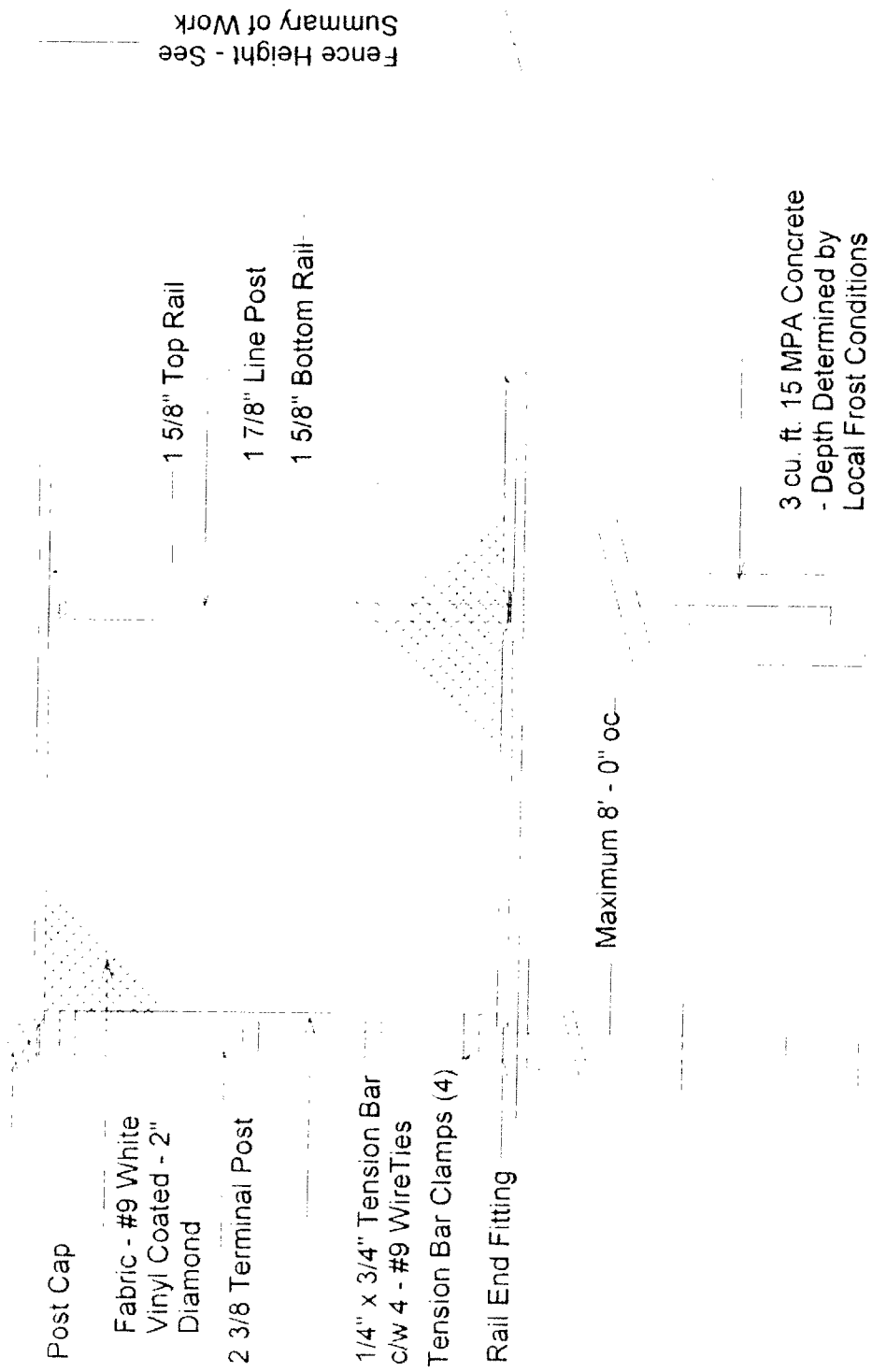
- 2.1.6 Tie Wire: Solid aluminum No. 9 Gauge.
- 2.1.7 Gate and Latch: 1 3/8" galvanized pipe frame with top and bottom mesh wrapped around pipe. Sides to be tie bars and clamps to fabric. Bolt on to posts gate post hinges. Gate to have fork latch. Typical man gate to be 3'6" wide.
- 2.1.8 Fittings: Typical standard chain link fence, galvanized post and rail, cap and connection fittings. Bottom rail to be secured with boulevard clamp. All connections to be welded.
- 2.1.9 Posts to be set in concrete consisting of a mixture of Portland Cement/gravel/sand, mixed and placed at a strength of not less than 15 MPA. Approximately three (3) cu. Ft. per post.

3.0 EXECUTION

- 3.1 Furnish all labour, material, plant and equipment to supply and install the chain link fence, as shown on the drawing, attached, and as specified.
 - 3.1.1 All rail and post connections to be welded unless noted otherwise.
 - 3.1.2 The Contractor shall excavate and install the fence posts at not more than ten feet (10'0") o.c. If posts are being installed in rock, grout drill holes to suit.
 - 3.1.3 Concrete to cure for 48 hours undisturbed.
 - 3.1.4 Fence rails to run continuously from post to post.
 - 3.1.5 The Contractor shall make sure that all components are true and plumb and that the new fence system is in proper alignment.
 - 3.1.6 Install the galvanized chain link fabric to pipe post and rail fence systems, continuously and completely. Chain link fabric to be installed on the traffic side of fence.
 - 3.1.6.1 Wrap fabric to top and bottom rails.
 - 3.1.6.2 Top of link fabric to be finished edge.
 - 3.1.7 Tie tightly all chain link fabric every 18" to fence rail and posts.
 - 3.1.8 The Contractor shall check all wired connections for tightness of chain link fabric over the new fence system.
- 3.2 Restorations of Grounds:
 - 3.2.1 All damage to grounds surfaces caused by the work shall be made good by the Contractor.

Master Specification
 Division 2 – Site Construction
 Section 02820 – Chain Link Fencing

All Components & Assemblies to Be White Vinyl Coated
 All Sections to Have White Vinyl Privacy Inserts.



Post Cap

Fabric - #9 White
 Vinyl Coated - 2"
 Diamond

2 3/8 Terminal Post

1 5/8" Top Rail

1 7/8" Line Post

1 5/8" Bottom Rail

1/4" x 3/4" Tension Bar
 c/w 4 - #9 Wire Ties

Tension Bar Clamps (4)

Rail End Fitting

Maximum 8' - 0" oc

3 cu. ft. 15 MPA Concrete
 - Depth Determined by
 Local Frost Conditions

Fence Height - See
 Summary of Work

Project: Chain Link Fence Detail

Tender #

As Built

Tender

Revision 2

Date 6/00

Drawn By lg

Drawing #