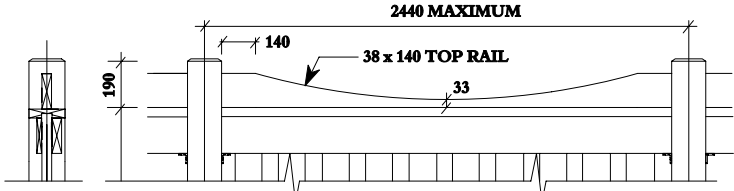


**HOT DIPPED GALVANIZED 90
ANGLE METAL SUPPORT BRACKET
WITH A SIZE OF 76 x 25 x 6
NAILED TO POSTS AND RAILS WITH 4
GALVANIZED ARDOX NAILS**



ALTERNATIVE TOP RAIL DESIGN, N.T.S.

NOTES :

- WOOD (GENERAL SPECIFICATIONS)**
- All wood shall be western red cedar, selected for good appearance and free of wane and bark pockets.
 - All torn grain and surface stain shall be eliminated by sanding or planing.
 - Members with heavy knots and/or sap stain shall be well distributed throughout the installation.
- STAIN FOR WOOD FENCE - Stain shall consist of :**
- A base of blended resins and oils in a water suspension
 - Suspended solids which are not less than 21% and not greater than 31% by volume.
 - V.O.C.'s (volatile organic compounds) which are not in excess of 350g/L in accordance with A.S.T.M. D-2369.
 - Levels of liquid microbicides and any other potential toxic substances which are environmentally safe (not requiring Provincial or Federal registration).
 - None of the following hazardous substances :
 - * Folpet [N-(trichloromethylthio) phthalimide]
 - * Bis (tributyltin) oxide
 - * Copper Naphthenate
 - * Copper 8 Quinolinate
 - * Zinc Naphthenate
 - Sufficient oxide pigments to obtain desired colour tone and level of opacity (color to be approved by City for each installation).
- STAIN APPLICATION** - Apply two coats on clean dry wood using spray, brush or dipping methods to achieve full coverage of all exposed surfaces. Apply outdoors only in suitable weather conditions during which the temperature is between 5°C and 21°C for a period of 48 hours following applications.
- FASTENERS** - Nails, brackets and all other fasteners shall be hot-dip galvanized steel.
- CONCRETE** - Shall be 25 MPA at 28 days minimum.
- MASONRY PIERS** - Of a design to be approved by the City of Brampton shall be constructed at a minimum spacing of every sixth post location.

- EXECUTION**
- SOIL** - Beneath and within 2 m. radius of any footing, shall be certified 95% standard proctor density prior to construction.
- POSTS** - Shall be plumb within 5 mm./m. above grade.
- INFILL** - Members shall be tight fitted to eliminate all gaps and rattling.
- STEP FENCE** - On slopes step fence panels a minimum of 50 mm. and a maximum of 150 mm. at each post.
- DOUBLE POST** - All direction changes greater than 20 degrees.
- NAILING**
- All nails galv. ardox and 75 mm. (3") unless noted otherwise. All nails to be evenly spaced and set not less than 25 mm. from edge of any member.
- Rails - 3 nails to post at each end, 3 nails thru top and bottom rails to vertical members in staggered pattern.
- For mid rail use 3 nails 50mm. (2") per vertical member.
- Facia Boards : 2 nails 50mm. (2") to each end of vertical members.
- WARRANTY** The fence shall be guaranteed for two years as follows:
5 mm./m on plumb of posts and level of infill members.
Gaps between infill members shall not exceed 6 mm. (1/4").
Infill members shall be tight and free of rattling.

ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.

| | | |
|---|--|--|
| <p>PLANNING, DESIGN & DEVELOPMENT DEPARTMENT</p> | <p>TITLE: WOOD SCREEN FENCE (TYPE 'A')</p> | <p>DRAWING NO. PDD 836</p> |
| | <p>REVIEWED BY: <i>SH [Signature]</i></p> | <p>SCALE: N.T.S.</p> |
| | <p>APPROVED BY: <i>[Signature]</i></p> | <p>DATE: JUNE 2008</p> |